352.3
L89
1944/45

FIFTY-NINTH ANNUAL REPORT

OF THE

DEPARTMENT OF FIRE

CITY OF LOS ANGELES

CITY OF CHICAGO
MUNICIPAL REFERENCE LIBRARY
CITY HALL
AUG 8 1946

For the Fiscal Year Ended June 30, 1945

352.0794
L89-FS1

FIFTY-NINTH ANNUAL REPORT

OF THE

DEPARTMENT OF FIRE

CITY OF LOS ANGELES

(For the Fiscal Year Ended June 30, 1945)

BOARD OF FIRE COMMISSIONERS

GORDON G. HAIR, President
HOWARD J. CALLANAN, Vice-President
HENRY MARSH
MILLROY A. ANDERSON
WALTER E. SMITH

HAROLD H. STORY, Secretary

JOHN H. ALDERSON, Chief Engineer

CHIEF ADMINISTRATIVE OFFICER AND STAFF

JOHN H. ALDERSON, CHIEF ENGINEER

F. H. ROTHERMEL, DEPUTY CHIEF

ASSISTANT CHIEF ENGINEERS

(Assignments as of June 30, 1945)

	"A" Platoon	"B" Platoon
Headquarters	H. A. Krumsiek	W. H. Augustine
Division 1	H. N. Johnson	R. E. Carson
Division 2	F. W. Moore	G. J. Davlin
Division 3	E. B. Wilson	F. E. Winkler

BATTALION CHIEFS

(Assignments as of June 30, 1945)

"A" Platoon	Battalion	"B" Platoon
R. Watson	1	H. J. Larkin
H. L. Hall	2	H. S. Norville
H. M. Melvin	3	O. T. Blythe
W. H. Bennett	4	P. H. Ferguson
J. F. Martin	5	R. W. McCarbery
H. E. Dikeman	6	F. J. Adams
J. M. Quinn	7	W. Tynan
R. A. Williams	8	L. Rascoe
D. J. Casey	9	J. W. Winn
L. L. Eggleston	10	W. E. Newcomb
C. B. Mitchell	11	C. N. Pogue
P. J. Sullivan	12	J. C. Roeder
J. R. Hoffman	13	C. R. Johnson

H. R. Boone—Fire Prevention Bureau

B. F. Gifford—Supply and Maintenance

DEPARTMENT OF FIRE—CITY OF LOS ANGELES
AUTHORIZED PERSONNEL AND MONTHLY SALARIES
As of June 30, 1945
FIREMEN—REGULAR PERSONNEL

Number of Positions	Code	Title	Schedule	Salary Range
1	....	Chief Engineer	B	$715-889
1	2171	Deputy Chief Engineer Fire Department	41	516-641
8	2161	First Assistant Chief Engineer	36	395-489
28	2151	Fire Battalion Chief	32-Y	400
1	2132	Supervisor Fire Equipment Stores	32	319-395
2	5127	Principal Fireboat Operator	29	288-337
226	2141	Fire Captain	29	273-337
170	2131	Fire Engineer	26	233-288
6	5125	Senior Fireboat Operator	26	233-288
172	2121	Auto Fireman	25	221-273
1145	2111	Fireman	24	211-259
1760				

CIVILIAN DEFENSE—FIREMEN—REGULAR PERSONNEL

1	2151	Fire Battalion Chief	32	319-395
8	2141	Fire Captain	29	273-337
2	2131	Fire Engineer	26	233-288
34	2111	Fireman	24	211-259
45				

CIVILIAN EMPLOYEES—REGULAR PERSONNEL

5	0101	Commissioner	A	5.00/Mtg.
1	9715	Secretary Fire Commission	29	273-337
1	1337	Chief Clerk Secretary Fire	29	273-337
1	2331	Examining Physician	36	395-489
1	2331	Examining Physician (½ time)	36	395-489
1	9193	Fire Equipment Superintendent	32	319-395
1	1525	Principal Accountant	32	319-395
1	7232	Civil Engineering Draftsman	28	259-319
3	1523	Senior Accountant	27	246-303
1	3713	Fire Equipment Machinist	25-Y	275
17	3713	Fire Equipment Machinist	25	221-273
2	3707	Auto Electrician	25	221-273
1	1171	Principal Clerk Personnel	25	221-273
1	3775	Sheet Metal Worker	24	211-259
1	3122	Firebreak Construction and Maintenance Foreman	23	200-246
2	3344	Carpenter	22-Y	233.56
1	3423	Painter	21-Y	233.56
2	3721	Auto Painter	22	190-233
1	3733	Blacksmith	22	190-233
1	1368	Senior Clerk Typist	21	181-221
8	1323	Senior Clerk Stenographer	21	181-221
8	3525	Street Equipment Operator	20	173-211
2	3761	Machinist Helper	19	165-200
1	1842	Tool Room Storekeeper	19	165-200
3	1509	Accounting Clerk	19	165-200
1	3727	Tire Repairman	18	157-190
5	1358	Intermediate Clerk Typist	18	157-190
1	1422	Intermediate Bookkeeping Machine Operator	18	157-190
1	1321	Intermediate Clerk Stenographer	18	157-190
3	1841	Warehouseman	17	150-181
4	3531	Garage Attendant	16	143-173
1	1312	Clerk Stenographer	14-Y	165
1	3171	Janitor	13-Y	161.95
1	1462	Telephone Operator	14	131-157
1	1352	Clerk Typist	14	131-157
2	1312	Clerk Stenographer	14	131-157
7	2115	Foreman of Volunteer Firemen (part time)	....	35.00/mo.
2	....	Vacant Unallocated	....	.....
15	....	Vacant Unallocated (4 months)	....	.....
1	....	Vacant Unallocated (3 months)	....	.....
113				

CIVILIAN DEFENSE—CIVILIAN EMPLOYEES—REGULAR PERSONNEL

2	3713	Fire Equipment Machinist	25	221-273
3	3761	Machinist Helper	19	165-200
4	3111	Day Laborer (4 months)	14	131-157
1	1312	Clerk Stenographer	14	131-157
12	....	Vacant Unallocated (4 months)	....	.....
22				

NOTES: A—Salary fixed by Charter; B—Salary fixed by Commission and Mayor. Y—Payable only to the persons holding these positions on April 1, 1945.

IN MEMORY OF THOSE MEMBERS OF THE LOS ANGELES FIRE DEPARTMENT WHO DURING THE YEAR ANSWERED THEIR LAST ALARM

ACTIVE MEMBERS

MONROE C. KARN, Fireman . . . . . July 21, 1944
(Entered the department April 1, 1924. Following exposure to ammonia fumes at a fire, he was placed off duty April 1, 1944.)

RICHARD J. PHILLIPS, Captain . . . . . September, 25, 1944
(Entered the department June 11, 1912; promoted to regular Engineer November 12, 1915; to Lieutenant on January 1, 1924, and to Captain on January 1, 1927; died suddenly during the afternoon of September 25, 1944, at his home of coronary sclerosis.)

DEE D. TRENT, Engineer . . . . . March 16, 1945
(Entered the department January 1, 1915, and promoted to regular Engineer on May 7, 1923.)

DISABILITY PENSIONED MEMBERS

William A. Shortridge, Fireman . . . . . July 3, 1944
George J. Jubile, Fireman . . . . . August 3, 1944
Richard D. Dobbins, Fireman . . . . . March 26, 1945
Lowell L. Wagner, Fire Boat Pilot . . . . . April 27, 1945

SERVICE PENSIONED MEMBERS

Eugene P. Dupignac, Fireman . . . . . August 30, 1944
George R. Alberts, Engineer . . . . . September 25, 1944
William E. Barto, Captain . . . . . September 28, 1944
Thomas W. Young, Fireman . . . . . November 6, 1944
Eugene H. Enos, Battalion Chief . . . . . December 25, 1944
William Schultz, Captain . . . . . January 15, 1945
William A. Sauer, Auto Fireman . . . . . March 3, 1945
John P. Home, Battalion Chief . . . . . March 6, 1945
Henry G. Gentry, Fireman . . . . . March 15, 1945
William J. Gardner, Captain . . . . . April 2, 1945
William E. Ayers, Captain . . . . . April 12, 1945
Thomas H. Wilson, Auto Fireman . . . . . June 1, 1945
Alton H. Moore, Battalion Chief . . . . . June 13, 1945
Earl A. Pruitt, Captain . . . . . June 18, 1944

FORMER MEMBER

Walter Lips, Chief Engineer . . . . . August 11, 1944

IN MEMORY OF THOSE MEMBERS OF THE LOS ANGELES FIRE DEPARTMENT WHO DURING THE YEAR DIED IN THE SERVICE OF THEIR COUNTRY

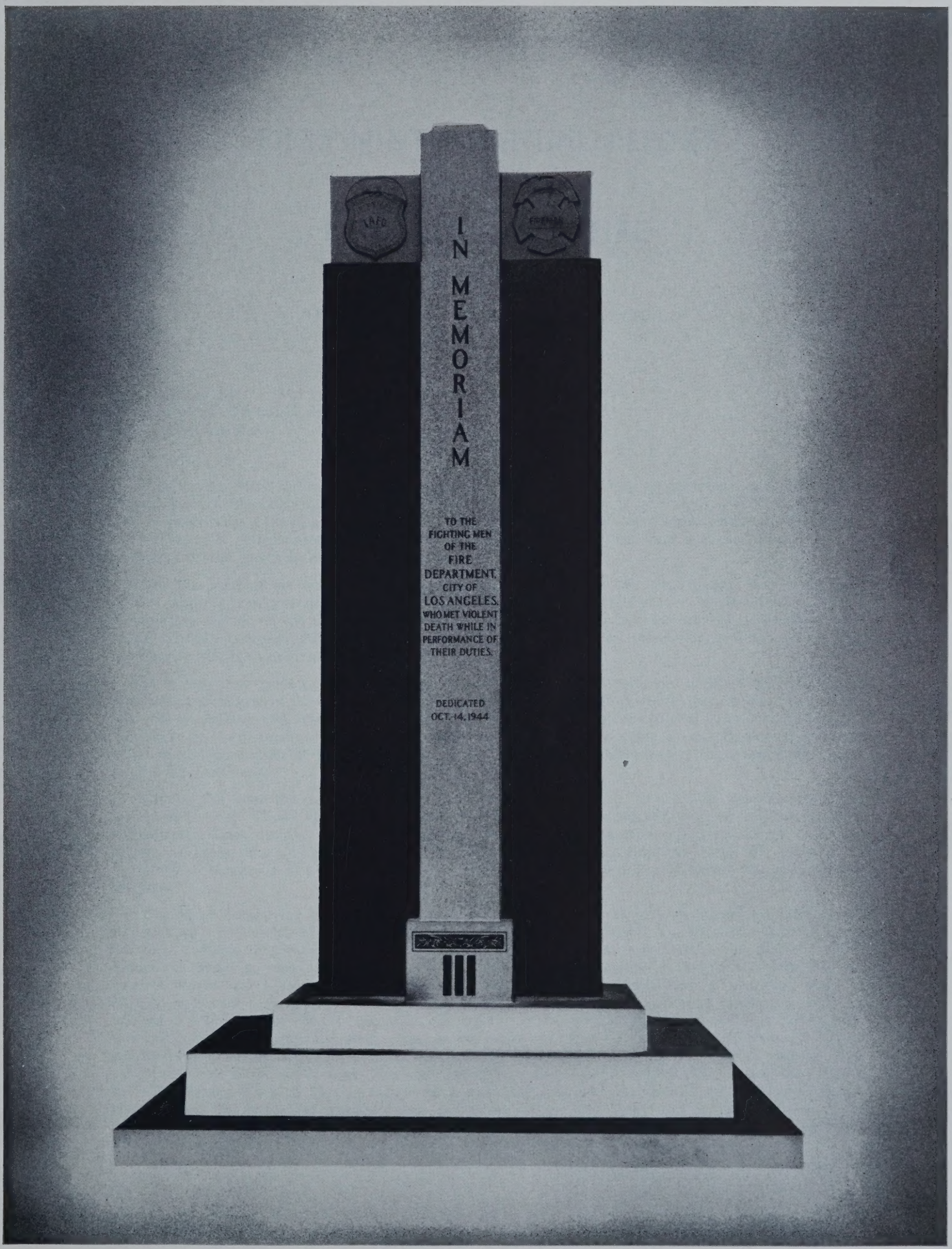
JAMES L. ASHMORE, Fireman . . . . . July 9, 1944
(Entered the department January 20, 1941, and was granted military leave December 21, 1942; he was reported missing on July 9, 1944; later reported killed in action but exact date of death is not known; the probable location of his death was in northern Italy in the vicinity of Leghorn.)

ALLEN D. KIMMEL, Fireman . . . . . July 18, 1944
(Entered the department August 4, 1941, and was granted military leave December 9, 1942; killed in action in France in the Normandy theatre of war.)

CHESTER F. JACOBS, Fireman . . . . . August 11, 1944
(Entered the department August 4, 1941, and was granted military leave March 9, 1943; killed in action in France.)

HAROLD JONATHAN, Fireman . . . . . November 29, 1944
(Entered the department December 10, 1942, and was granted military leave December 26, 1942; killed in action in France.)

DONALD W. STARBIRD, Fireman . . . . . December 5, 1944
(Entered the department September 23, 1940, and was granted military leave July 13, 1943; killed in action in New Guinea.)


IN
MEMORIAM
TO THE
FIGHTING MEN
OF THE
FIRE
DEPARTMENT,
CITY OF
LOS ANGELES,
WHO MET VIOLENT
DEATH WHILE IN
PERFORMANCE OF
THEIR DUTIES.
DEDICATED
OCT. 14, 1944

FIFTY-NINTH ANNUAL REPORT

OF THE

DEPARTMENT OF FIRE

CITY OF LOS ANGELES

(For the Fiscal Year Ended June 30, 1945)

To the Honorable
Board of Fire Commissioners,
City of Los Angeles.

Gentlemen:

This is the Fifty-ninth Annual Report of the Los Angeles Fire Department and the fourth prepared since the beginning of the World War. This statement is admittedly written after the end of hostilities. Although it is officially the report for the fiscal year which ended June 30, 1945, nevertheless, it is influenced by the fact that the war is over and our eyes are turned to the problems of the postwar period.

The last year of the war was probably the most difficult for this department. Our manpower in fire fighting ranks continued to decrease due to retirements and entrance into military service. Adequate statistics on the dwindling manpower are included elsewhere in this report. The real story of the Fire Department during the war period has been one of an increasing problem which was necessarily met by a decreasing force.

It is only right and proper that I should pay tribute to the members of the Fire Department who have carried on in the past year. I know of no organization anywhere during the war which has met a problem 50% greater than previously met with manpower reduced more than 25%. Firemen have and will receive little credit for this record. They have made a contribution to the war effort in the protection of lives and property in Los Angeles which merits the commendation of all thinking citizens.

During the year the department responded to 21,482 alarms of fire, a 50% increase over the last prewar year. These alarms involved an estimated loss of $3,288,767. This is and can be only an estimate. Loss figures, incidentally, cannot be used for comparative purposes without considering at the same time all factors involved. The increased population in the city, the increase in combustible wealth in the city and decrease in the value of the dollar all effect the comparative fire loss.

Decreased manpower has made it necessary to discontinue every activity except the most essential and mandatory fire prevention work and actual fire fighting itself. The Fire Prevention Bureau has been reduced in personnel from 50 to an average of 25. I do not believe the extent of our manpower shortage can be emphasized more clearly than by making a comparison with the last year of World War I. Department records show that in 1918, the last year of the first war, 31 officers and men were assigned to the Fire Prevention Bureau. The city at that time had an estimated population of 450,000, less than one-quarter of the present population. Officers and inspectors have necessarily devoted their time to the most essential war plants and to those buildings where the life hazard is greatest. Their efforts have resulted in decreasing both the number and extent of fires. Even with their depleted manpower, the Fire Prevention Bureau was able during Fire Prevention Week of 1944 to carry out a most valuable and worthwhile educational program. Handicapped to an extent greater than any other large city, their efforts nevertheless were recognized by receiving the first award for fire prevention work in the state and the eleventh award in the nation.

The efficiency of a Fire Department depends largely on the adequacy of apparatus and the skill and courage of the personnel. Continuous training is necessary to prepare personnel to meet changing problems and new hazards, particularly in a city as highly industrialized as is Los Angeles. Training has necessarily been decreased. The ability of personnel to carry on effectively speaks well for the effectiveness of previous training. It was possible during the year to carry out a practical training program in control of inflammable liquid fires during which every uniformed member devoted one entire day to control and extinguishment of actual fires under fire conditions. Engineers or pump operators were also given a brief training program during the year. First Aid training, considered a mandatory feature in our work, was revised and a successful program completed with the cooperation of the American Red Cross. Periodical drills under supervision of company and chief officers were continued throughout the year. A more intensive training program with better training facilities must be established soon.

In connection with the total alarms received, it is necessary to point out an increase in false alarms. The department responded to 2,256 false alarms in the year. This may be partially attributed to influx of new population, the presence in the city of large numbers of service personnel on leave and an increase in the number of people on the streets during night hours due to war work. The record, nevertheless, is one which is disgraceful. Through the cooperation of the Police Department, a code signal is now transmitted by police radio on fire alarms which brings to the scene of an alarm the closest patrol car or cars much quicker than heretofore. It is hoped that this will be a deterrent to that type of person who transmits false alarms.

Under very trying circumstances, the moral of personnel, both uniformed and non-uniformed, continued high. The problem of the department could not have been met as adequately as it has if this was not the case. In this connection, I point out that on numerous occasions during the year requests have been made to personnel for the support of various charities, particularly in connection with the war effort. In every instance the quota assigned the department has been exceeded. Contributions to this type of campaign are entirely voluntary.

With the approval of the Board of Fire Commissioners and under the leadership of the Board of Directors of the Firemen's Relief Association, a move to erect a suitable memorial to those members of the department who have died in line of duty in the fire service was successfully concluded. A memorial was erected on the City Hall grounds, is an innovation in the fire service and should serve as a constant reminder to the people of Los Angeles of the unselfish service they receive from our department members.

During the course of the year the city undertook a Civil Service reclassification and salary adjustment plan which resulted in the adoption of the so-called Jacobs' Plan effective April 1. The preparation and adoption of this plan has resulted in considerable discontent and some misunderstanding. This condition is inherent in a problem of this magnitude affecting so many individual persons. It is hoped that the final and ultimate result will justify the difficulties encountered in placing this plan into effect. It is particularly difficult in its application to the uniformed ranks. There is under way now a proposal before the Council and the Mayor to remove uniformed men from this salary plan.

During the fiscal year, two additional positions of Assistant Chief and four of Battalion Chief were authorized. This has permitted division of the city into three instead of two divisional areas and into thirteen instead of eleven battalion districts. Better administration has resulted. In those districts affected, chief officers now arrive at the scene of a fire sooner than previously. Nevertheless, the growth of the city indicates that additional battalions should be created. The entire San Fernando Valley remains in one battalion district. The number of companies supervised, the number of fires responded to and the distances traveled are entirely too great to permit proper administration by one chief officer.

Toward the close of the fiscal year an appropriation for purchase and installation of a city-wide two-way radio system, solely for Fire Department use, was made. It is expected that this system will be in complete operation not later than the spring of 1946. It will result in much better departmental communications, will make the department more flexible and undoubtedly improve efficiency.

The department is, of course, an integral part of a very complex city government. Many of our problems are related to the problems of other departments. Close cooperation and friendly assistance is necessary for best results. We have secured that cooperation and assistance and have tried to reciprocate. I commend to you other departments of the city government, particularly the Police Department, for the cooperation we have received.

The problem of fire in the city of Los Angeles is also closely related to the same problem in adjacent County areas and other neighboring municipalities. In every instance we have received adequate cooperation from neighboring departments. The relationship between this department and the County department is particularly friendly and close. This has resulted in much better control of fires, particularly in the brush covered mountain areas.

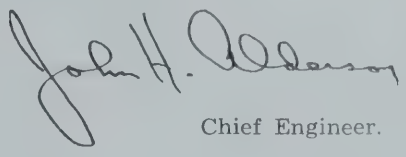
In our relations with the City Council, which is the governing body of the city, and with the Mayor, who is the Chief Executive, we have been most fortunate. In no instance has this department presented a problem to the Council and the Mayor which has not been studied with a most friendly and understanding approach. Wherever the finances of the city have permitted, our requests have been granted.

The commission form of city government is frequently criticized. Its effectiveness depends, as does any other type of government, on the individuals who administer it. In this respect the Fire Department has been most fortunate. I believe that I express the opinion of every member when I state to you that the Board of Fire Commissioners has adequately and ably performed its duty as head of this department. I personally have presented no problem to you which has not been decided fairly, with the best interests of the department and the city in mind. I particularly appreciate the personal interest the Commission has shown in devoting considerable time to the inspection of stations and personnel.

We will be faced in the coming year with many problems. Men returning from military service must be restored to the department and properly fitted into the service again. Three hundred or more new members must be inducted, trained and put to work soon. A building program must be undertaken and carried through as quickly as possible. This must provide for a redistribution of personnel and apparatus from the congested district into outlying sections, for the replacement of antiquated and inadequate buildings and for the construction of additional stations in areas developed during the war and which will develop thereafter. An extensive training program with better facilities must be initiated if the department is to keep abreast of new hazards continually developing in connection with industrial activity.

Elsewhere in this report detailed statements and statistics from the various operating sections of the department are given. I wish to commend to you those officers and employees who have headed the subdivisions of the department. They have performed their duties capably and well. Any success I may have had as General Manager can be attributed to the assistance I have had from subordinates and to the loyal support of the membership at large.

Respectfully,



Chief Engineer.

BUREAU OF FIRE PREVENTION
Henry R. Boone, Fire Prevention Engineer

By authority of Ordinance No. 77,000, Section 57.01, the Bureau of Fire Prevention and Public Safety of the Los Angeles Fire Department is created and maintained.

The Fire Prevention Engineer holds the rank of Battalion Chief and is in charge of this Bureau, subordinate to the Chief Engineer.

The Bureau is composed of five Details: Flammable Liquids and Industrial Detail, Schools and Institution Detail, Theatre and Public Assembly Detail, General Inspection Detail and Public Education Detail, each in charge of a captain, except the General Inspection Detail which is in charge of an acting-captain. The duties of these Details and outline of important work performed during the Fiscal Year follows:

FLAMMABLE LIQUIDS AND INDUSTRIAL DETAIL

The Flammable Liquids and Industrial Detail is responsible for the enforcement of all ordinances relating to flammable liquids and for all industrial surveys.

Because of the volume of work and continuous changes in processes in defense plants, this Detail has concentrated on industrial surveys. There were 691 such surveys made during the year. The corrections made in spite of the difficulties of priorities, shortage of help and many complicated problems involved due to new processes, have been the means of eliminating many serious fire hazards. The members assigned to this work have done an outstanding job and are becoming more proficient in this phase of the work by careful study of the new problems arising daily. There has been good salesmanship, causing new buildings to be constructed with hazardous occupancies segregated, dust collecting systems installed, spray booths constructed, flammable liquids separated from other processes and numerous other improvements and safety devices provided. It has indeed been a problem to train new inspectors in this Detail to replace experienced men who have retired on service pension or who were transferred.

THEATRE AND PUBLIC ASSEMBLY DETAIL

This Detail is responsible for the enforcement of all ordinances relating to Theatres, Motion Picture Theatres, Places of Public Assemblage, Public Displays and the storage and handling of nitro-cellulose base film.

With limited personnel this Detail has done an outstanding job in setting up procedures and requirements for handling special events where large groups assemble. They have supervised the flameproofing of decorations, curtains and acoustical material in Theatres, Motion Picture Theatres, restaurants, night spots and all types of places of public assemblage. As a result, it is my opinion the flameproofing mentioned above has resulted in the added safety of the patrons. The installation of additional exits with doors opening outward, the installation of panic hardware and the changing of existing doors to open outward has progressed in a satisfactory manner. Due to the shortage of personnel, this work has been curtailed to some extent.

SCHOOLS AND INSTITUTION DETAIL

This Detail is responsible for the enforcement of all ordinances relating to public, private, parochial and boarding schools, hospitals, sanitariums, rest homes, boarding homes for the aged, child care homes and orphans' homes. Due to the limited personnel this Detail has covered the field of public education to a lesser extent than in previous years. They have done a splendid job in providing safe conditions in the sub-standard type of buildings where the majority of these occupancies have been found operating.

They make all of the fire inspection surveys for the State Fire Marshal in regard to fire safety clearance for licensing by the State Department of Social Welfare for parent-child boarding homes, children's boarding and foster homes, children's day centers and day nurseries.

There were 205 surveys written. In addition to the clearance to the State Fire Marshal's office, we make the surveys and inspections and issue the clearance before the Health Department issues their license.

Considerable time has been spent in coordinating the activities of the requirements of the State Fire Marshal, Department of Social Welfare and local requirements, along with the Health

Department requirements. This has required considerable time attending conferences to enable us to maintain the cooperation of the various agencies involved.

It is my opinion that, as a whole, the hospitals and sanitariums are in the best condition they have ever been, notwithstanding the fact that conditions compel us to accept many sub-standard buildings to house these occupancies.

GENERAL INPECTION DETAIL

This Detail is responsible for the enforcement of ordinances relating to all other types of inspections not covered by the foregoing Details.

As personel decreased and work increased in other Details it has been necessary to eliminate the regular district inspections. This Detail handles the majority of the complaints. Due to the importance of district inspections, especially at this time when building owners are unable to obtain adequate rubbish disposal service, there is every likelihood that fires will increase due to the less frequent inspections.

PUBLIC EDUCATION DETAIL

This Detail, since its inception, has proved its value to the Fire Department and to the community in general by carrying on the activities of the Junior Fire Department.

Due to the remarkable job done by the members assigned to this Detail and the cooperation received from the school officials and teachers, the Junior Fire Department members are receiving valuable training in fire prevention, which will be reflected in the years to come.

The members of this Detail, in addition to carrying on the Junior Firemen Program, have made inspections of many of our schools, as well as conducting fire drills. Under separate schedules, K, L and M will be found highlights of the program in statistical form.

OUTLYING DETAILS

Due to the fact that the City spreads over a wide area it is necessary for us to maintain outside offices located in San Pedro, Venice and Van Nuys.

The inspector working in the Van Nuys Office, along with an inspector under the direct supervision of the Battalion Chief, covers the San Fernando Valley. There has been a large increase in defense plants, new homes and housing projects in this area.

The Venice Inspector covers all that portion of the City West of Robertson Boulevard.

San Pedro includes all portions of the City which lie Southerly from 120th Street and Easterly from the shoe string strip. The continuing increase in the activities within the Harbor area requires continuous inspection service. The personnel at this time is insufficient to make the inspections that should be made, although the hazards have continuously increased and the congestion due to the extensive shipping is causing considerable concern. With the cooperation of the Military Groups and Federal Agencies Inspectors, we have been most fortunate in maintaining reasonably safe conditions under very trying circumstances.

The commanding officers of the Port of Embarkation and the Navy and Coast Guard have rendered invaluable assistance by providing qualified trained men to make inspections and in the suppression of fire in the Harbor area.

GENERAL

Under Schedule 1 will be found a comparison of the personnel of this Bureau as of July, 1942, 1943, 1944 and 1945. During the fiscal year seven experienced inspectors retired on service pension and four experienced inspectors were transferred from this Bureau due to their desire to obtain fire fighting experience. This means that we have lost eleven experienced inspectors with only three replacements.

Due to the extensive amount of required clerical work and time consumed in dealing with the public at the counter and on the telephone, very little opportunity has been found to complete a program of reorganizing the office procedure.

Some progress has been made in revising the present fire code. Changes were prepared by this Bureau, and the following have been enacted in the ordinance by the City Council: change

in underground tanks, definition of oil well derrick and the tank truck ordinance. Considerable work lies ahead before the completion of this job. There is now pending before the City Council a proposed ordinance on the spray application of flammable liquids. This ordinance was submitted in March.

Considerable time has been spent in serving on code advisory committees with reference to the Building Code.

The total inspections for the fiscal year, as shown in Schedule B, shows a decrease of 13,633, due to reduced personnel. The number of violations exceeds the previous year by 4,043. The corrections exceed the previous year by 3,521. This reflects the policy of the Bureau to eliminate verbal instructions. The comparative schedule will be found in Schedule E. The overtime the members worked made it possible to make as many inspections as were made, when you consider that six members were actively engaged in the Junior Fire Department program and made comparatively few inspections.

Under Schedule H will be found tabulation of intradepartmental memorandums showing complaints by company officers. This is shown by battalions and platoons. It compares favorably with previous years.

Tabulated statistical data will be found under attached Schedules A to M, inclusive.

The number of complaints, corrections and dismissals reflects the cooperation between the City Attorney's Office and this office. Under Schedule G will be found the cases that were cited before the City Attorney.

An illustration of how we were able to take advantage of the overtime is shown in Schedule J, where a portion of the time was used to concentrate on the inspection of hotels and apartment houses. As noted, 2,576 violations were found, and this included 135 locked or blocked exits.

The elimination of many of the inspection services by the armed services and other Federal agencies has added to the hazardous conditions in industrial establishments, along with the cancelling of contracts and the reconversion activities—all of which has placed an added burden on this Bureau. Another difficult problem is the many hazards found in various occupancies, especially where employees are involved, attempting to correct existing conditions to recognized standards of safety with inadequate provisions in the ordinance to make such corrections.

At the present time we are confronted with serious hazards with reference to dry weeds and combustible material. The City Lot Cleaning Division was unable to obtain sufficient help to carry on the work of removing the dry vegetation from vacant lots, and the City does not now operate an incinerator, in addition to the fact that insufficient public dumps are provided. It is essential that some action be started by the City to provide incinerators at convenient locations, along with a rubbish disposal service to pick up such combustible waste material, with the ultimate aim of eventually eliminating the burning of combustible waste in the homes.

This Bureau has been extremely fortunate in having the close cooperation of the City Attorney, Department of Building and Safety, Health Department, Department of Planning, City Clerk, Board of Mechanical Engineers, Harbor Department, Police Department and the considerate understanding and active support of the Board of Fire Commissioners and the Chief Engineer of the Fire Department.

TRAINING

Donald J. Lavenbarg, Captain

Lack of manpower within the department and a lessening of most of the war emergency activities has considerably curtailed the activities of this bureau. Despite these facts certain training was carried on both in the department and among auxiliary groups, as outlined below.

REGULAR DEPARTMENT

The activities of the training detail for the practical benefit of the department personnel have been many and varied, ranging from lecture courses on vital subjects to demonstrations of hydraulic problems and actual field practice in the control and extinguishment of fire.

A program of instruction on the use of breathing apparatus begun in the latter part of the last fiscal year was completed, giving instruction to a total of 748 officers and men.

Experiments were conducted utilizing the services of several companies in the department to determine by actual test the answers to problems propounded in Underwriters Bulletin No. 192. Approximately 100 officers and men of the department had an opportunity to participate in the program.

Service pump tests were conducted at the drill tower, spot testing pumpers of various types and capacities. During these pump tests 170 engineers of the department, in small groups, attended. They were given an opportunity to observe the manner in which pumpers operate under test conditions. They also attended a class session at which three chief officers, one captain and the superintendent of automotive equipment discussed various phases of automotive equipment operation, maintenance and care. They also held a brief discussion on water supply and use and the practical application of fire steam tables.

Some 350 candidates for the position of engineer were given an opportunity to operate pumpers at draft for a limited time, under the supervision of two qualified engineers.

The American Red Cross renewed instructors' cards for 29 captains of the department. These instructors conducted standard and advanced First Aid examinations within the department with the following results:

1. Standard Course: 1324 Members passed and have standard cards.

2. Advanced Course: 1266 Members passed and have advanced cards.

A member of the training detail was certificated by the Board of Education and conducted a three-months course in "Fire Department Administration Through Rules and Regulations and Manual of Operation," at the Central Junior Evening High School. Twenty-two Department members completed this course.

All members of the department were given a one-day course of instruction in the fundamentals of oil fires and oil fire control. This course consisted of:

1. Illustrated lectures
2. Oil fire pictures
3. Field demonstrations
4. Field practice

A drafting test was conducted on the Sixth Street storm drain at Sixth Street and Ceres Avenue. Chief Officers and Captains on both "A" and "B" Platoons in the metropolitan area witnessed this test which was conducted to acquaint them with the possibility of obtaining water from this source in an emergency when the water service in the area might be disrupted.

A program for the revision and modernization of the Engineers' and Auto-Firemen's Manuals is under way and will continue until completed.

AUXILIARY FIRE FORCE

At the beginning of the fiscal year, 1944-45, the Auxiliary Fire Force consisted of seven geographical divisions, each headed by a Captain who acted as Area Coordinator. There were 121 Auxiliary Fire Companies in the seven areas and approximately 1,000 active Auxiliary Firemen.

Due to the fact that a war emergency situation no longer existed in our city, interest in regular drills of the group diminished. In October, 1944, it was decided to disband the Auxiliary

Fire Force and instead encourage those who were interested to join a new organization called the Auxiliary Fire Force Reserve. This organization was set up to act in cases of major disaster regardless of its source. Whereas the Auxiliary Fire Force could be used only to counteract enemy action, this group will be available to help in any type of catastrophe.

Members were given their choice of accepting an honorable discharge from the Auxiliary Fire Force or transferring to the Reserve.

Companies were disbanded and auxiliary equipment was taken off trucks and returned to the Storeroom. Trucks were resold to the original owners.

The seven captains who acted as Coordinators in the Auxiliary Fire Force were returned to regular fire duty.

AUXILIARY FIRE FORCE RESERVE

Six hundred seventy-three members of the disbanded Auxiliary Fire Force chose to transfer to the Reserve. Nine areas were set up by geographic divisions. Members who made this transfer retained their turn-outs, helmets and other equipment. New identification cards were made up for all these men and issued to them.

Periodic training sessions were initiated for training the Auxiliary Reserve members. The initial program of training was conducted from December, 1944, to February, 1945, the same program being given in all nine areas. Of the six hundred seventy-thre members, a total of three hundred fifty-five men attended this first series. This first training session consisted of lectures on the following subjects: "Organization of the Fire Department," "Common Fire Hazards," "Grass and Brush Fires," "Arson," and "Heavy Rescue."

MISCELLANEOUS

It is the duty of the Training Detail to maintain company libraries and to do work necessary for changes in the Rules and Regulations, Manual of Operation and other department manuals. In connection with this work, 800 booklets and manuals published by organizations outside the department were distributed to company libraries during the year. Bulletins, specifications, orders, schedules, diagrams and other materials required mimeographing of more than 80,000 copies.

SUPPLY AND MAINTENANCE

B. F. Gifford, Battalion Chief

The Directing Officer exercises general supervision over Stores, Shops, Garage, Rescue Service, and Photo Detail, and is responsible directly to the Chief Engineer. The head of this Bureau is the coordinator between the above mentioned activities and the Officers of the Fire Fighting ranks. He also maintains close relations with the Bureau of Construction and Building Maintenance, a Bureau under the Board of Public Works, in connection with the repair and alteration of Department buildings and grounds, and the furnishing of maintenance supplies.

In collaboration with the Special Duty Engineer in charge of Stores, specifications are written for the purchase of Fire Apparatus, Fire Hose, and other major items. Also in collaboration with the Special Duty Engineer, proposals received on the above specifications are analyzed, and recommendations made.

Some activities were handicapped by war conditions, particularly in the limited amount procurable of certain materials. Several priorities were obtained authorizing the purchase of new and replacement equipment.

Ladder repairs, previously accomplished entirely by private contract, were this year performed in our woodworking shop. With a limited supply of reserve ladders, this has been particularly advantageous as it is possible to make immediate repairs and return the ladders to service; in the past ladder repairs were delayed as much as 12 months in some instances. Also, the costs of maintaining ladders under present procedure have proven to be much below former charges.

During the year, 131 trucks of a total of 143 acquired from private owners under War Duration Contracts for use as Auxiliary Fire Apparatus were cleared through the State Department of Motor Vehicles and title returned to the original owners.

During the fiscal year there were received and acted upon, 2745 Special Requisitions from the various Companies and Bureaus of the Department, requesting major or minor repairs or alterations to buildings, grounds, equipment, and apparatus; 603 written requests were presented to the Bureau of Construction and Building Maintenance for building repairs and maintenance, practically all of which have been completed.

STORES

H. L. Handshy, Special Duty Engineer

The Fire Stores, in addition to performing the many functions carried on by the usual large corporation store, maintains a supply of items peculiar to the operation of the Department and not readily obtainable in the open market. At the end of another year of war-time conditions, the situation as regards the procuring of automotive repair parts and equipment manufactured to pre-war standards is becoming more critical, therefore lowering to an extent the quality formerly maintained of parts and equipment. Much extra time has been consumed in locating and securing materials, to some extent delaying the repairing of apparatus and equipment. A number of standard items regularly required are restricted by the War Production Board, requiring the use of substitutes which are not entirely satisfactory.

During the year there have been received and acted upon, 7,722 Requisitions from Engine Houses and Bureaus for supplies and services, 7,435 Requisitions from the Shops for parts and services, 767 Requisitions from all Companies and Bureaus for cleaning supplies. In obtaining parts, materials and services, there have been issued, 685 Purchase Requisitions to the Purchasing Agent, 756 Inter-departmental Orders, 2,275 Sub-Purchase Orders, involving approximately 7,500 telephone calls.

The general condition of Fire Hose in service is below pre-war standards, and has required the repairing or replacing of 647 sections over five years old.

The manufacture of one inch Cotton Jacket Hose was allowed temporarily by the War Production Board, and 30,000 feet were secured of an order for 35,000 feet, at which time the use of cotton yarn was restricted. Our inability to procure additional one inch Cotton Jacket Hose forced the use of 10,350 feet on which the three-year guarantee had expired.

5,000 feet of Chemical Hose was obtained, of which 3,950 feet have been placed in service.

20,000 feet of 1½ inch Cotton Jacket Hose was obtained and placed in service. An additional 20,000 feet is on order, and will be manufactured and delivered when the restriction is raised on the use of cotton yarn.

55,000 feet of 2½ inch Cotton Jacket Hose was obtained and placed in service. It has been necessary to continue in use, 89,000 feet over five years old.

20,000 feet of 3½ inch Cotton Jacket Hose is on order, none of which has been received due to the cotton yarn restriction.

The War Production Board restriction on the use of brass couplings for hose was not released until January 21, 1945, requiring the re-use of old brass couplings. This is not proving satisfactory, but is found to be more desirable than the use of the iron couplings allowed for hose.

The end of the fiscal year leaves the Department with a backlog of 5,000 feet of one inch, 20,000 feet of 1½ inch, and 20,000 feet of 3½ inch, Cotton Jacket Fire Hose.

The tire rationing program has seen some improvements as regards passenger car tires. The truck tire situation is critical, requiring the continued recapping of tires in service on apparatus. The age of many of the truck tires which we must recap, requires that they be mounted as duals to avoid accident in case of a failure.

The discontinuance of active Auxiliary Fire Service has required considerable time in removing equipment from auxiliary trucks, checking, crating and storing, pending disposition by the U. S. Army Engineers. Eleven carloads of Pumping Units have been loaded and shipped for use in other localities.

The following major equipment was received during the year:

1	85-ft. Tractor Drawn Aerial Ladder Truck
9	1,250 G.P.M. Triple Combination Pumps
3	600-gal. capacity Forestry Type Trucks
3	Hall-Scott Replacement Motors
100	Shur-Dry Salvage Covers
2	A. J. Morse 1,100 G.P.M. Heavy Stream Appliances
1	A. J. Morse 600 G.P.M. Ladder Pipe

SHOPS

W. A. Giese, Superintendent of Automotive Equipment

The Shops, consisting of the main plant located adjacent to the Metropolitan Area, with branch shops at Mountain Patrol No. 1 and Fire Boat Company No. 2, perform the mechanical repairs, reconstruction and alteration, on 424 units of fire apparatus, automobiles and trucks, fire boats, bulldozers and graders, as well as a great number of stationary installations. The organization is well equipped with machine tools and small tools to properly perform the work required, and consists of machine shops, a motor rebuilding shop, electrical and battery shop, sheet metal and radiator shop, woodworking and ladder rebuilding shop, painting and refinishing shop. We maintain seven well equipped service trucks for prompt trouble-shooting and emergency repairs.

The personnel of 35 employees consists of: 1 Superintendent, 1 Clerk, 19 Fire Equipment Machinists, 2 Auto Electricians, 1 Sheet Metal Worker, 1 Blacksmith, 2 Carpenters, 3 Painters, 3 Machinist Helpers, 1 Tool Room Keeper, and 1 Janitor.

A total of 4,157 work orders were issued during the year covering large and small jobs. The following lists the larger jobs:

(a) Seven pieces of apparatus were reconstructed and modernized.

(b) An Aerial Tractor previously removed from Truck No. 11 was installed on Aerial Truck formerly Shop No. 102. This truck was changed over to pneumatic tires, equipped with a new tiller axle with hydraulic brakes and with vacuum booster on tractor and tiller axle brakes, new fenders; the entire truck was rebuilt. The unit was placed in service at Truck No. 29, and identified as Shop No. 193.

(c) Thirty-one apparatus engines were completely overhauled and re-installed.

(d) Four 1,000 G. P. M. pumps were completely overhauled.

(e) A new tiller axle equipped with hydraulic brakes was installed on City Service Truck, Shop No. 875.

(f) Three new Hall-Scott replacement engines were installed. Two City Service Trucks were repowered with other engines due to our inability to replace broken crankshafts.

(g) Twelve pieces of apparatus and fourteen passenger cars and trucks were completely repainted. Seventy-five touch-up paint jobs were performed.

Fire Boat No. 1 was placed on the ways two different times during the year, and the usual chipping, cleaning and painting of the hull was done. Dryrot was discovered in the trunk cabin, requiring the replacement of a greater part of the woodwork on each side. The entire deck was sanded, refinished, and deck plugs replaced. The propeller shaft bearing was renewed, and a new propeller installed.

Fire Boat No. 2 was placed on the ways once. The hull was checked, cleaned and painted, and all three propellers were replaced. No. 4 and No. 7 engines were completely overhauled, and new sleeves, pistons and rings were installed.

Fire Boat No. 3 was placed on the ways two different times for examination. During the second time the paint was removed from the entire hull, which was then sanded and repainted.

New apparatus placed in service during the year consisted of:

(a) Six Pirsch Triple Combination Pumps of 1,250 G. P. M. capacity, with 200 gallon water tanks, and separate booster pumps. These were assigned to Engine Companies No.'s 60, 71, 72, 73, 75 and 80.

(b) Three Kenworth Triple Combination Pumps of 1,250 G. P. M. capacity, with 200 gallon water tanks, and separate booster pumps. These were assigned to Engine Companies No.'s 44, 77 and 78.

(c) One Pirsch 85-foot Aerial Truck, assigned to Truck Co. No. 17.

(d) Three Mack Tank Wagons with 600 gallon water tanks, and 200 G. P. M. booster pumps, which were assigned to Mountain Patrol No. 2 and Engine Companies No.'s 27 and 69.

Of 143 trucks acquired from private owners, for use in the Auxiliary Fire Service, 131 were dismantled, restored to equal or better condition than when received, and returned to their original owners.

Because of war-time conditions delays were experienced in obtaining certain repair parts, and some parts were unobtainable. In some cases it was necessary to manufacture parts in the Department Shops. Also, some delay has been experienced in the progress of the work because of a shortage of personnel.

RESCUE SERVICE

Walter Babecky, Captain

The following is a resume of the work accomplished during the year; also, a statistical summary of rescue calls to which response was made by the six Rescue Companies, Engine Company No. 74 and Truck Company No. 63:

Service for care and upkeep of Life Saving, Rescue and Fire Fighting Equipment:

Small oxygen and carbogen cylinders refilled	1,379
Large oxygen and carbogen cylinders refilled	14
Small oxygen and carbogen cylinders issued	1,273
Cubic feet oxygen and carbogen issued in large cylinders	15,700
Gas analysis tests	47
Carbon dioxide extinguishers refilled	152
Carbon dioxide extinguishers issued	149
Cylinder valves reground and repacked	426
Clyinders I.C.C. 5-year requirement test (hydrostatic)	344
Life Saving Equipment inspected (no repairs)	784
Life Saving Equipment repaired	473
Large and small gas cylinders repainted	509
Laundry services for Rescue Companies	23
Chevrolet Shop No. 13113, miles run	2,049
Runs for Ford Shop No. 1160	198
Miles run for Ford Shop No. 1160	4,152
Runs for Ford Shop No. 1163	73
Miles run for Ford Shop No. 1163	1,579

In compliance with Inter-State Commerce Commission and Bureau of Explosives requirements, all high pressure cylinders are receiving the 5-year 3,000-lb. hydrostatic test, which requires considerable time and effort. To date, 344 cylinders have been tested; due to manpower shortage, considerable time will elapse before the work is complete.

Two E. & J. Resuscitators, one each for Rescue Companies No. 27 and No. 39, were converted from old style to the modern Fox Model.

Many old style facepieces are being replaced with the latest Non-Fogging All Vision type on M.S.A. All Service Gas Masks and M.S.A. Hose Masks.

Several Life Nets were repaired, on some of which new fabric bottoms and covers were installed, rubber hand grips and leather cup washers replaced, springs and automatic locks adjusted.

One M.S.A. 1-hour Self Contained Breathing Apparatus was placed in service on the Assistant Chief's car, for use at fires in the Harbor Area. Since this was done, the apparatus was returned for re-assignment.

Two McCaa 2-hour type Self Contained Breathing Apparatus were placed in service for use at fires in the Harbor Area, and are carried by Engine Company No. 81.

Two All Service Gas Masks were placed in service on Fire Boat No. 2, for use in fighting fire in the Harbor Area, where sufficient oxygen is present to sustain life under working conditions.

The old style stretcher in Rescue Company No. 3 Ambulance was replaced with a modern Bomgardner Ambulance Cot type stretcher, effecting a great improvement in transporting patients.

Rescue Company No. 3 Ammonia Suits which were old and worn out have been replaced with new suits.

Inquiries are being made in anticipation of the release of materials now unobtainable, and it is hoped that the post-war period will see many improvements in our Life Saving and Rescue Equipment, particularly the Self Contained Breathing Apparatus.

The following equipment was semi-annually inspected, serviced, repaired, and maintained:

All Service Gas Masks	111
Self Contained Breathing Apparatus, Gibbs and McCaa	98
Hose Masks M.S.A. and Bullards	10
Resuscitators and Inhalators, E. & J.	18
Inhalators, H. & H.	18
Oxygen Therapy Valve Equipment, Linde	10
Oxygen Tents, Heidbrink	2
Stretchers, Army Type	36
Stretchers and Safety Bag, Blake	7
Life Nets, Browder	27
Life Guns and Shells	26

Response to calls by Rescue Companies, Engine Company No. 74 and Truck Company No. 63, not including response to alarms of fire:

Rescue Co. No. 3	333	Rescue Co. No. 59	44
Rescue Co. No. 27	164	Rescue Co. No. 66	188
Rescue Co. No. 36	54	Engine Co. No. 74	13
Rescue Co. No. 39	145	Truck Co. No. 63	1
		Total calls	942

Rescue companies on many occasions have administered oxygen and carbogen to patients while being transported.

Types of equipment more frequently used on emergency calls:

Resuscitators, E. & J.	890 cases
Inhalators, H. & H.	17 cases
Regulator Valves Oxygen	10 cases
Drag Hook, L.A.F.D.	4 cases
Respirator, Drinker Infant	1 case
Oxygen Tent, Heidbrink	2 cases
Safety Bag and Stretcher, Blake	2 cases
Rescue Co. No. 3, as Ambulance	16 cases
Total cases	942

In addition to the above mentioned equipment, Rescue Companies have also used the All Service Gas Masks, Self Contained Breathing Apparatus, Cutting Torches, and Stretchers, in rendering assistance whenever the occasion demanded.

PHOTO DETAIL

This detail maintains a 24-hour service to meet any emergency for which photographs may be necessary for evidence or records.

During the year no new equipment was added with the exception of some voltage regulating apparatus for processing color film and prints.

Classification	Jobs	Negatives	Prints
Arson	188	686	1,525
Fire Prevention	64	301	675
Administration	49	139	507
Collision	30	133	309
Identification	22	32	66
Mountain Patrol	10	58	154
Public Relations	4	21	76
Auxiliary Fire Force	3	10	78
Junior Fire Department	2	31	135
Training Division	1	6	14
Supply and Maintenance	1	3	6
Reprints	....	....	250
Miscellaneous	42	186	365
Totals	416	1,606	4,160

GARAGE

The Garage is open for service from 7:00 A.M. until 10:00 P.M. Personnel consists of three Garage Attendants.

Forty-six cars are regularly stored and serviced and approximately the same number of cars receive intermittent service.

In addition to washing, dusting, parking and refueling, the work accomplished includes:

13 Steam cleaning jobs
31 Polish jobs
87 Tires repaired
30 New tires installed
384 Complete grease jobs

ARSON

Carl A. Halter, Captain

It is the responsibility of the Arson Bureau to investigate arson cases or fires suspected as incendiary. This does not by any means represent the greatest responsibility of the bureau. The largest volume of work comes from the investigation of all fires in which damage to either building, contents or both exceeds $100.00. In all such cases, the fire officer makes no attempt to estimate the loss but merely represents that the damage is over $100.00. This bureau then investigates not only the cause of the fire but makes the final estimate of damage. It can easily be seen that two excellent results come from this practice. First, and to this bureau seemingly most important, is the volume of investigating which would otherwise not be available for practice in the constant in-service training of personnel. Secondly, is the very definite benefit to be derived from a more uniform and accurate estimating of fire losses than would be the case if estimates were made by a large number of individuals.

We have received excellent cooperation from other investigating agencies during the war years. We are particularly proud of our association with the Federal Bureau of Investigation. During the war we have cooperated with their agents in investigation of fires involving any agency engaged in war production. Our relationship with the Police Department remains excellent. The question is repeatedly asked whether or not sabotage by fire occurred during the war. No known case of sabotage by fire occurred in Los Angeles. This record can, to a great extent, be attributed to the work of the Federal Bureau of Investigation, particularly their work in dealing with persons suspected of being capable of committing such acts.

The Police Department has been particularly helpful in cases involving pyromaniacs. Without the assistance of the various agencies of the Police Department, this problem could not have been successfully met.

The Arson Bureau is hopeful that recent legislation enacted for control of juveniles will be helpful, particularly on false alarms. This legislation makes it mandatory for juvenile courts to cite parents for neglect of any child who has violated the law. It should have beneficial effect on juvenile control.

The actual work of the Arson Bureau and results attained are shown in the statistical table in this report. It should be pointed out that there is a definite trend toward a greater work load of investigations. This, naturally, follows with the growth of the city and the increased number of alarms.

Below is statistical data for the year outlining the operations of the Arson Bureau.

Investigations made		1,748
Causes found	1,424	
Causes undetermined	305	
Suspicious fires	19	
Incendiary fires		122
Estimates made (spread fires)		247
Arrests (adults)		39
Released	6	
Dismissed in preliminary trial	4	
Misdemeanor convictions	6	
Convictions (Superior Court)	16	
Acquitted	5	
Dismissed	1	
Trials pending June 30, 1945	4	
(Note: 3 cases disposed of were from fiscal year 1943-44)		
Juveniles to parents		192
Juveniles arrested		24
Juveniles to school authorities		1
Disposition: Filed on	22	
Released	2	
Burn cases investigated		106
Number of persons burned		193
Fatal burns		49
Suffocations		5
Electrocuted		1
Loss to buildings due to Incendiary Fires		$21,155
Loss to contents due to Incendiary Fires		$ 9,565
Loss to buildings due to Suspicious Fires		$ 3,875
Loss to contents due to Suspicious Fires		$ 1,805

MOUNTAIN PATROL

George B. Brown, Captain
Robert J. Schenck, Captain

Mountain Patrol personnel and equipment worked on 66 fires in the Mountain Patrol area and 10 fires outside of the Mountain Patrol boundaries. In the Mountain Patrol area 58 fires burned less than one acre, 2 fires burned as much as one acre and less than 10 acres and 6 fires burned 10 acres or more. These fires burned a total of 4960 acres. The Mountain Patrol had crews working on fires a total of 690 hours 44 minutes, laid 46,450 feet of one inch hose, 4400 feet of one and a half inch hose and traveled 4616 miles on fires.

The only watershed fire which resulted in the loss of structures started at Dumetz and Ybarra in Woodland Hills, on Tuesday, August 29 at 3:04 P.M., with an 18-mile wind from the west and the humidity 7%. Much of the Woodland Hills area was covered with a heavy growth of dry wild oats and weeds. These conditions resulted in a very fast spreading fire. Many houses had little or no clearing between them and the combustible growth. Thirty-three buildings were lost.

An amendment to the Los Angeles Municipal Code, which became effective in January, 1945, will assist greatly in the protection of improvements during brush fires. It requires clearing away of all flammable vegetation or growth and other combustible materials a distance of not less than 30 feet from any cabin, house, apiary, incinerator or structure.

Forty thousand four-page folders 4"x8" were printed and 10,000 have been distributed so far. This folder contains the above mentioned amendment in full and much helpful information regarding the fire safety laws.

Experience proves that tact and friendly advice will get proper results with more than 95% of the people with whom we work. There are a few people who have very little regard for the law or the safety of others. It has been necessary for the Mountain Patrol to take 39 cases to court and 39 convictions were obtained. These cases are classified as follows:

Smoking in closed area	2
Burning without a permit	19
Burning incinerators out of hours	6
Violating the provisions of a permit	4
Illegal dumping of combustible material	6
Failure to properly dispose of combustible rubbish	2

The fines paid ranged from $5.00 to $150.00 and totaled $870.00. Fines suspended totaled $480.00 and days in jail suspended totaled 135.

The Mountain Patrol assisted training in preparing a set of colored slides and a transcription to be used in fire prevention and training.

The Mountain Patrol assisted the Signal Office in testing two-way radio equipment to determine the type or kind most suited to our needs, the coverage which could be expected and the best locations for receiving and transmitting towers.

New citation forms and inspector's daily work sheets were planned by the Mountain Patrol and approved by headquarters. They are now in use and are a decided improvement over the old ones.

Three thousand three hundred and forty "No Smoking—No Open Fires" signs were posted when the area closed and gathered in when it opened.

The following is a summary of the Patrolmen's activities:

INSPECTIONS

Lots	2,449
Premises	11,027
Incinerators	10,239
Miscellaneous	246
Total inspections	23,961

CORRECTIONS

Lots cleaned	448
Premises cleaned	516
New incinerators installed	292
Incinerators repaired	766
Miscellaneous	157
Total corrections	2,179
Burning permits issued	8,879
Miles run patroling	98,061

VIOLATIONS

Burning without permit	223
Burning out of hours	652
Defective incinerators	1,073
Dumping	385
Smoking in closed areas	182
Miscellaneous	411
Total violations	2,926
Number of notices served	2,688
Number of prosecutions	39
Number of convictions	39

One new Mack tank truck, having a tank capacity of 600 gallons, was assigned to Patrol No. 2. This was the only new motorized equipment assigned to the Mountain Patrol.

DISPATCHERS

Chester W. Howard, Captain

The prime responsibility of the dispatching office is to dispatch apparatus and chief officers in response to alarms of fire. To carry out this assignment in as near perfect a manner as possible requires constant regulation and improvement of both methods and communication equipment.

Data pertaining to the routine work of this Bureau during the year will be found in the section of statistical information. However, some of the additional projects and operations carried out in an effort to better our service are briefly described below.

Through the efforts of the Fire Department, the Department of Building and Safety secured sufficient funds to enable the Fire Alarm Division to install twenty-one new alarm boxes in the East Olympic Boulevard industrial section at points recommended by this office.

To eliminate a bad situation involving inaudible signals from the business telephone bells in several engine houses, twenty additional extension bells were installed in kitchens of these houses.

New installations and location changes were made of both city owned and utility company telephone equipment to accommodate the new division and two new battalions that were commissioned this year.

In cooperation with the Battalion Chiefs and Company Commanders of the metropolitan area, recommendations were made for the installation of 230 new fire alarm boxes to augment the present system.

At the request of the Housing Authority of the City of Los Angeles, a survey was made and recommendations submitted for fire alarm facilities covering fourteen housing projects.

In cooperation with the Fire Alarm Division, the plans for the Santa Ana and the Hollywood Parkways have been checked and recommendations made for the relocating of all fire alarm boxes affected by these projects.

The most important work that this office had assigned to it was a survey conducted for the purpose of determining the amount and type of equipment needed to provide us with a satisfactory two-way radio system. This involved tests to determine land station sites and power needed to get good coverage. Specifications were written to protect the interests of the city. It is hoped that the radio system will be in full operation during the next fiscal year.

HYDRANTS AND MAINS

Gerhard C. McKee

The Hydrant Detail has assigned to it the following duties:

Check on all hydrant tests and see that all hydrants are in perfect working condition at all times. Report all hydrant repairs to the Department of Water and Power.

Investigate reports from Company Commanders on low pressure hydrants; work with the Department of Water and Power in trying to improve the low pressure system.

Investigate all requests from property owners and Company Commanders for the installation of new hydrants, removals or replacements.

Maintain the sprinkler system file and record all new sprinkler turnons and shutoffs. Thirty-five notices were received from the Department of Water and Power of which there were twenty-nine turn-ons and six turned off.

Inspect hydrants that are used by utility companies and private contractors. Keep an accurate account of all hydrants used. A total of 1127 hydrants were used in the last fiscal year. These hydrants are used under the authority of Ordinance No. 76,043. Eleven violations were found and corrections were made satisfactory to the Fire Department.

Record all new hydrant installations, removals, those moved to a new location and replacements. Notify the Battalion Chiefs of the location of installations, type of hydrants and size of mains.

Make special water flow tests when requested.

Work in conjunction with and cooperate with the Department of Water and Power and private water companies on all subdivisions and housing projects as to the size of mains and number of hydrants needed for adequate protection.

There were 153 new tracts approved in the last fiscal year.

A $12,000 appropriation was requested and received by the Fire Department in addition to the $12,000 that was set up in the budget for the installation of new fire hydrants for the fiscal year.

The number of hydrants installed with the amounts mentioned is:

73	Single 2½" Hydrants
10	2½"x4" Hydrants
4	Double 4" Hydrants
87	New Installations
8	Replacements from Single 2½" to Double 4"
2	Replacements from Single 2½" to 2½"x4"
1	Replacement from Double 2½" Ludlow to Single 2½" VanDeVenter
11	Replacements

The installation of hydrants on the city-owned mains is done by the Department of Water and Power. In the last fiscal year, 371 new hydrants were installed on the City system. Following is a table showing the number of hydrants in use on the City system as of June 30, 1945:

District	D-4"	2½x4"	D-2½"	S-2½"	Total
Los Angeles District	1,971	1,762	150	13,191	17,074
San Fernando District	....	66	5	3,696	3,767
San Pedro District	160	184	23	997	1,364
TOTAL	2,131	2,012	178	17,884	22,205

A total of 13 new hydrants were installed by private water companies on their systems. The Fire Department is paying monthly rental charges to private water companies on 1,250 hydrants.

The Hydrant Bureau has requests for the installation of 439 new hydrants and 37 replacements. Of the total number, 231 requests are for the San Fernando Valley area, 174 for the Los Angeles area and 34 for the San Pedro area.

The testing of hydrants for static and flow pressures and checking the condition of hydrants for repairs and paint is carried on by each engine company in its respective hydrant district. 6,331 hydrants were painted during the year.

MEDICAL RECORDS

Louis J. Petritz, M. D., Examining Physician

Wm. Henry Thomas, Coordinator

The activities of this Bureau are coordinated by direction of the Chief Engineer. Records, preparation of files and reports are under the direction of a regular member of the department assigned to the bureau and assisted by a stenographer-clerk. Routine medical examinations, laboratory work and the Physiotherapy Clinic are under the direction of the Department Examining Physician, assisted by a part-time Industrial Surgeon.

The main functions of the bureau obviously remain much the same from year to year, and consist of the following: compiling and maintaining a complete and accurate medical record of each member of the department; arranging for proper medical care and hospitalization of sick or injured members; assisting in arranging for emergency and other operations; scheduling periodic routine physical examinations by the Department Examining Physician; furnishing sick or injured members with therapeutic treatments prescribed by the Examining Physician; compiling disability pension and widows' pension files; maintaining daily contact with the Police Surgeons of the Receiving Hospital and submitting to them personal statements of sick or injured members for ruling of off-duty status; securing, assisting in making and relaying sick and injury reports of such members through department channels to the chief officers interested; submitting report of each month's activities of the bureau to department headquarters; rendering such other related aid and assistance as may fall within its jurisdiction and as directed by the Chief Engineer.

The main objective of the bureau likewise must remain the same, namely, to reduce the off-duty time of sick or injured members by proper medical care and treatment, with consequent benefit to such members, the department and the City of Los Angeles.

The Department Examining Physician continues the routine medical examination of all members; rechecks sick and injured off-duty members reporting to him for such examination and counsels with them concerning their disabilities; recommends operations and treatment of sick or injured members; prescribes physiotherapy treatment for them and other complaining members; is available to all members desirous of consulting him as a physician concerning their physical problems and directs the work of the bureau's laboratory.

The type of cases treated in the Physiotherapy Section of the bureau varies little from year to year and may be summarized under the headings of back strains and sprains, muscle injuries, upper respiratory infections, arthritis, stimulation of muscles by electrical therapeutic aids in fracture cases, and a special treatment for athlete's foot infections.

Routine urinalyses, blood studies, blood typings and bacteriological examination of exudates are continually being done in the bureau's laboratory, under the direction of the Examining Physician.

There were three disability pension files prepared by and in the Medical Records Bureau during the year for active members, all of whom were classified as heart cases.

The position of Physician-Physiotherapist in the bureau's clinic is now filled by Dr. Talbot Delgado, who was appointed on July 10, 1944. Dr. Edward A. Kirz, regularly appointed Physician-Physiotherapist, continues on military leave which has been his status since his induction into the United States Army on October 15, 1942.

During the year 34 different members were hospitalized at the Georgia Street Receiving Hospital for varying periods of time on account of injuries and illnesses, surgery being performed on 10 of these members. In addition, two members were hospitalized at the Good Samaritan Hospital by order of Doctor Wallace Dodge: one with pneumonia and one with a ruptured intervertebral disc, for which surgery was performed by Dr. George H. Patterson, a specialist.

On May 16, 1945, the Georgia Street Receiving Hospital was kept very busy as a result of the casualties from a very stubborn fire in the Bekins Warehouse, located at 3625 South Grand. 12 members in all were hospitalized, 11 for severely inflamed and burned eyes and 1 who was overcome by smoke and to whom oxygen was administered. In addition, 18 members were treated at the Fire and Police Clinic for smoke irritation of the eyes, various cuts and bruises and exhaustion. Because of the severity of the fire and number of casualties, a Receiving Hospital ambulance was dispatched to the scene of the fire to render such aid as became necessary.

The Receiving Hospital personnel assigned to the Fire and Police Ward and Clinic of the Receiving Hospital remains the same, as do the clinic hours which are from 10:00 a.m. to 3:00 p.m., during which time regular fire and police surgeons are on duty. Dr. Wallace Dodge continues as Chief Surgeon with Assistant Surgeons Drs. Grover E. Christensen and C. Harry Linsley in charge of the Fire and Police Clinic. The department is indebted to Dr. Dodge and his staff for their generous cooperation and for the splendid service to our members which has been maintained in spite of inadequate facilities and a serious manpower shortage that continues, due to the war.

Thirty-four department members who had entered the armed forces of the United States for military duty returned from their leaves of absence during the year and resumed their duties in the Fire Department after physical examination by the Examining Physician.

MEDICAL RECORDS BUREAU

Annual Report

Fiscal Year 1944-45

STATISTICS

Routine physical examinations by Examining Physician	1059
Partial examinations, consultations, emergency treatments, etc.	711
Members treated in Physiotherapy Clinic (Given a total of 511 treatments)	246
Total contacts of Examining Physician	2016
Other contacts in the Medical Records Bureau, at the Receiving and other Hospitals, at homes, etc.	2500
Total contacts	4516
Number of Members, Sick or Injured, off duty July 1, 1944	31
Number of cases, Sick or Injured, off duty during this fiscal year (Affecting 584 different members)	820
	851
Number of cases returned to duty from Illness or Injury during this fiscal year (involving 567 different members)	814
Number of Sick or Injured members off duty, June 30, 1945	37

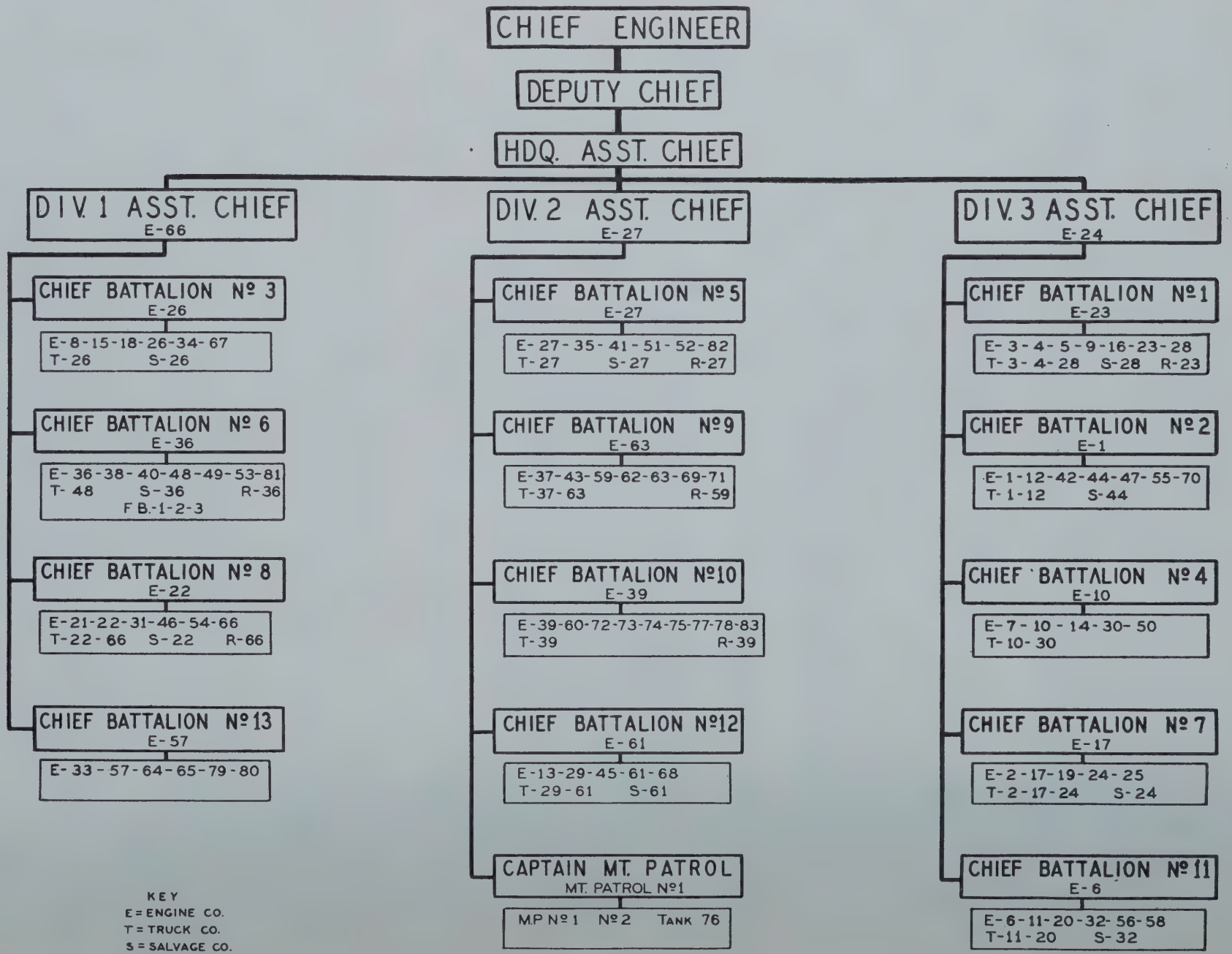
The surgical operations recorded by the Bureau are as follows:

Appendectomy	7	Herniotomy	6
Tonsillectomy	19	Miscellaneous (Major)	17

Total, 49 operations

LOS ANGELES FIRE DEPT.

FIRE FIGHTING ORGANIZATION



EMPLOYMENT RECORD—FIRE FIGHTING RANKS

(July, 1944 - June, 1945)

1944	Firemen	Auto Firemen	Engineers	Captains	Batt. Chiefs	Asst. Chiefs	Other Ranks	Total Ordinance Allowance	Total Employed
July	797	169	171	236	25	6	11	1802	1415
August	785	170	171	237	25	6	10	1802	1404
September	775	172	171	234	29	8	10	1808	1399
October	771	172	171	233	29	8	10	1808	1394
November	769	172	170	231	29	8	10	1808	1389
December	768	171	172	231	29	8	11	1808	1390
1945									
January	762	171	171	231	29	8	11	1805*	1383
February	754	171	168	232	29	8	11	1805*	1373
March	749	171	169	231	29	8	11	1805*	1368
April	739	171	168	231	29	8	11	1805*	1357
May	725	171	172	231	29	8	11	1805*	1347
June	713	172	172	230	29	8	11	1805*	1335

* The total Ordinance Allowance provided for 1808 positions; however, there was a limitation of filling three (3) positions of Captain (Civilian Defense), inasmuch as there were no funds provided therefor.

EMPLOYMENT RECORD

12-Month Period—July, 1944 - June, 1945

	Service Pension										Separation				Military			Appointments									
	Firemen	Auto Firemen	Engineer	Captain	Battalion Chief	Assistant Chief	1st Mate (Sr. Fire-boat Operator)	Pilot (Prin. Fire-boat Operator)	Disability Pension	Restored from Dis-ability Pension	Probationary Fireman	Removal	Death	Resignation	Military Leave Draft	Military Leave Volunteer	Military Leave Return to Duty	Fireman	Auto Fireman	Engineer	Captain	Battalion Chief	Assistant Chief	Pilot (Prin. Fire-boat Operator)	1st Mate (Sr. Fire-boat Operator)	Suspension	Personal Leaves
July	13	....	2	1	....	....	....	....	....	....	1	1	3**	....	2	....	1	....	3	2	1	....	....	....	....	2	4
August	3	3	....	3	....	....	....	....	1‡	....	....	....	1*	....	4	....	....	1†	6	2	3	....	....	....	....	3	2
September	6	1	....	....	1	....	....	....	....	....	....	....	1	....	1	....	4	...	8**	4	5	7	2	....	....	....	....
October	5	....	1	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	1
November	1	....	....	1	....	....	....	....	....	....	....	....	1*	1	....	....	1	....	....	1†	10**	....	....	....	....	2	3
December	2	1	....	1	....	....	....	....	....	....	....	....	1*	1	....	1	3	1†	2*	....	2*	....	....	1	1	....	1
January	8	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	1	2
February	3	1	1	1	1	....	....	....	....	....	....	1	....	2	2	....	5	....	3†	2	2	1	....	....	....	1	2
March	8	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	2	....	....	....	....	....	....	....	....	....	2
April	8**	1	1	2**	....	....	....	....	....	....	....	....	....	1	5	1	4	1†	....	....	....	....	....	....	....	1	2
May	8*	3	....	2	....	....	....	....	....	....	....	....	....	1	5	....	6	....	7*	4	1	....	....	....	....	1	....
June	4	3	1	1	....	....	....	....	....	....	....	....	....	1	5	....	5	....	7*	2	1	1	....	....	....	....	3
Total	69	14	6	13	2	....	....	....	1	....	1	2	8	7	26	2	34	3	36	17	25	9	2	1	1	11	22

* Includes 1 member on military leave.

** Includes 2 members on military leave.

† Includes 1 member reinstated

‡ Retroactive from November 21, 1944.

BURNS—YEAR 1944-45

Cause	Men Degree 1	Men Degree 2	Men Degree 3	Women Degree 1	Women Degree 2	Women Degree 3	Children Degree 1	Children Degree 2	Children Degree 3	Fatal M	Fatal W	Fatal C	Non Fatal	Total
Auto Accident	....	....	....	....	....	....	....	....	....	....	....	....	0	0
Backfire	2	1	1	....	....	1	....	....	....	....	....	....	5	5
Defective Wiring	....	....	....	2	1	....	....	1	1	....	....	1	5	6
Electrical Appliances	....	....	....	1	....	1	....	....	....	....	....	....	2	2
Explosions	1	5	8	....	3	1	....	....	....	....	1	....	18	19
Heaters, Defective	....	....	2	....	....	....	....	....	....	1	....	....	2	3
Home Dry Cleaning	....	....	....	....	1	....	....	....	....	....	....	....	1	1
Inflammable Liquids	4	6	29	5	3	1	....	1	....	21	....	....	49	70
Juveniles and Matches	1	....	....	1	1	....	2	....	2	....	....	2	7	9
Matches, Careless	....	1	....	....	....	....	....	....	....	....	....	....	1	1
Miscel., Known Causes	2	3	5	4	3	2	....	1	3	1	3	3	23	30
Open Burning	....	....	2	....	1	....	....	....	1	....	....	....	4	4
Open Flames	....	....	....	....	....	....	....	....	....	....	....	....	0	0
Smokers	3	15	11	3	5	5	....	1	1	8	3	....	44	55
Sparks from Machinery	1	....	....	....	....	....	....	....	....	....	....	....	1	1
Stoves, Food or Grease on	2	1	1	3	....	....	....	....	....	1	....	....	6	7
Suicide	....	1	1	....	....	1	....	....	....	2	....	....	3	5
Undetermined	4	7	7	1	1	1	....	....	....	2	....	....	21	23
Water Heaters, Defective	1	....	....	....	....	....	....	....	....	....	....	....	1	1
TOTAL	21	40	67	19	19	13	2	4	8	36	7	6	193	242

CAUSES OF FIRE ALARMS AS TABULATED FROM DAILY FIRE REPORTS

		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
1.	Aircraft—Fire, Crash	1	2	....	1	2	2	1	2	....	2	1	2	16
2.	Aircraft—Standby	1	7	3	7	5	5	11	6	7	11	14	18	95
3.	Auto—Accidents	3	5	5	5	1	5	1	2	2	2	6	3	40
4.	Auto—Backfiring	2	8	11	8	12	8	8	7	5	13	5	4	91
5.	Chimneys, flues, vents—Defective or Overheated	12	5	4	11	25	33	26	19	15	15	3	7	175
6.	Electric Appliances	27	27	22	16	14	18	15	15	15	11	15	8	203
7.	Electric Motors	17	23	27	17	20	26	13	25	22	32	23	26	271
8.	Electric Wiring—Defective	44	79	73	60	78	91	59	67	70	59	68	72	820
9.	Explosions	1	1	1	2	5	3	2	1	4	2	2	2	26
10.	False—Accidental	....	1	1	....	1	....	1	....	4	....	13	4	25
11.	False—Malicious	203	185	203	259	174	171	162	125	180	175	199	195	2,231
12.	Fireworks	2	....	....	....	....	....	....	....	....	1	....	....	3
13.	Heaters—Combustibles near	5	8	4	14	17	25	20	16	20	14	10	6	159
14.	Heaters (Space) Defective	4	....	3	2	17	19	18	12	20	5	7	2	109
15.	Heaters (Water) Defective	10	7	5	9	19	16	17	10	15	8	7	13	136
16.	Home Dry Cleaning	....	....	2	....	....	....	....	....	....	....	1	1	4
17.	Incendiary	1	6	2	1	....	6	2	1	6	3	10	7	45
18.	Incinerators	57	61	36	36	26	40	32	26	35	72	52	32	505
19.	Inflammable Liquids	....	2	1	4	2	1	4	1	2	4	....	5	26
20.	Matches—Children	47	33	21	27	22	38	32	24	25	33	32	39	373
21.	Matches—Careless, Misused	2	3	1	2	7	5	1	4	3	10	5	3	46
22.	Miscellaneous Known Causes	33	31	24	32	42	37	27	31	57	68	57	54	493
23.	Open Burning	148	121	78	71	46	76	73	38	51	131	142	101	1,076
24.	Open Flame	1	5	5	1	3	1	6	1	5	....	2	2	32
25.	Outside of City	8	13	7	6	4	8	6	8	7	7	7	12	93
26.	Rekindle	4	4	2	....	3	1	....	7	2	3	5	6	37
27.	Rescue Service	86	99	91	126	118	144	121	117	133	120	120	89	1,364
28.	Services—Miscellaneous	80	99	92	106	134	134	98	136	103	90	62	68	1,202
29.	Sparks—from Machinery	6	9	5	6	8	18	12	15	12	16	10	4	121
30.	Smoke Scare	39	75	66	60	79	76	75	51	62	63	52	46	744
31.	Smoker	138	181	155	135	124	161	143	138	138	173	162	133	1,781
32.	Spontaneous Ignition	10	8	7	4	5	5	3	5	3	7	6	4	67
33.	Stoves—Defective or Overheated	9	4	12	9	7	7	11	18	7	9	7	10	110
34.	Stoves—Food or Grease	33	16	33	22	28	30	19	31	18	32	31	25	318
35.	Suspicious	3	1	2	2	2	5	3	4	7	....	12	2	43
36.	Undetermined	1,122	818	581	438	186	266	296	218	226	622	2,390	1,395	8,558
37.	Wrong Location	16	2	1	6	2	1	....	2	2	5	5	2	44
		2,175	1,949	1,586	1,505	1,238	1,482	1,318	1,183	1,283	1,818	3,543	2,402	21,482

ALL ALARMS OTHER THAN FALSE CLASSIFIED AS TO SOURCE

Month	Year	Box Tel.	Box	Tel. Box	Tel.	Still	2nd Alm.	3rd Alm.	4th Alm.	ADT	Police	Total
July	1944	13	71	33	1,763	70	5	....	....	14	3	1,972
August	1944	6	64	22	1,607	48	2	1	1	11	1	1,763
September	1944	1	67	23	1,232	42	11	....	....	5	1	1,382
October	1944	3	76	20	1,086	37	2	....	....	18	4	1,246
November	1944	3	46	16	935	38	1	....	....	24	....	1,063
December	1944	7	59	25	1,139	51	3	....	....	23	4	1,311
January	1945	5	56	22	1,015	40	4	....	....	9	4	1,155
February	1945	1	56	22	1,015	42	3	....	....	15	3	1,058
March	1945	7	51	23	959	44	3	....	....	10	2	1,099
April	1945	4	71	46	1,441	50	9	3	....	14	5	1,643
May	1945	6	203	74	2,915	113	5	1	....	8	6	3,331
June	1945	3	105	29	1,973	86	3	....	....	4	....	2,203
		59	927	351	16,983	661	51	5	1	155	33	19,226

FALSE ALARMS

	Year	Box	Tel.	Still	ADT	Total
July	1944	128	75	....	....	203
August	1944	130	55	....	1	186
September	1944	130	69	1	4	204
October	1944	183	72	2	2	259
November	1944	128	46	....	1	175
December	1944	121	50	....	....	171
January	1945	129	29	1	4	163
February	1945	92	27	....	6	125
March	1945	140	38	....	6	184
April	1945	128	45	1	1	175
May	1945	125	74	1	12	212
June	1945	150	45	....	4	199
		1,584	625	6	41	2,256

CHARACTER OF ALARMS

Month	Year	Wrong Location	Actual Fires	False Alarms	Rescue Service	Misc. Service	Outside City	Smoke Scares	Total
July	1944	16	1,743	203	86	80	8	39	2,175
August	1944	2	1,475	186	99	99	13	75	1,949
September	1944	1	1,125	204	91	92	7	66	1,586
October	1944	6	943	259	126	105	6	60	1,505
November	1944	2	726	175	118	134	4	79	1,238
December	1944	1	948	171	144	134	8	76	1,482
January	1945	....	855	163	121	98	6	75	1,318
February	1945	2	744	125	117	136	8	51	1,183
March	1945	2	792	184	133	103	7	62	1,283
April	1945	5	1,358	175	120	90	7	63	1,818
May	1945	5	3,085	212	120	62	7	52	3,543
June	1945	2	1,986	199	89	68	12	46	2,402
Total		44	15,780	2,256	1,364	1,201	93	744	21,482

TYPES OF CONSTRUCTION AND NUMBER OF BUILDINGS INVOLVED IN FIRE

Month	Year	1 story frame	2 story frame	3 story frame	1 story brick	2 story brick	3 story brick	4 story brick	5-12 brick	Concrete	Total
July	1944	277	85	8	30	17	14	11	6	25	473
August	1944	304	72	15	25	18	10	10	3	22	479
September	1944	280	78	10	31	26	8	15	2	25	475
October	1944	260	83	10	29	17	11	12	9	13	444
November	1944	263	89	9	34	19	18	16	11	16	475
December	1944	319	135	13	28	25	19	13	8	29	589
January	1945	360	83	15	31	16	19	12	9	25	570
February	1945	256	75	16	45	20	17	16	7	23	475
March	1945	347	82	13	32	24	16	9	7	25	555
April	1945	435	109	15	44	21	23	16	10	26	699
May	1945	315	81	15	46	39	17	16	13	16	558
June	1945	218	65	12	56	37	10	10	7	11	426
		3,634	1,037	151	431	279	182	156	92	256	6,218

FIRES INVOLVING:

Frame Structures	4,822
Brick Structures	1,140
Concrete Structures	256
	6218

ANALYSIS OF FIRE ALARMS RELATIVE TO SPREAD AND EXTENT OF BUILDING FIRES

Month	Year	Confined to Origin	Spread 1 addl.	Spread 2 addl.	Spread 3 addl.	Spread 4 addl.	Total
July	1944	437	22	8	2	4	473
August	1944	444	20	7	3	5	479
September	1944	440	20	4	3	8	475
October	1944	420	10	7	5	2	444
November	1944	455	11	6	....	3	475
December	1944	555	16	11	5	2	589
January	1945	529	23	10	3	5	570
February	1945	457	13	4	1	....	475
March	1945	531	14	1	4	5	555
April	1945	639	34	14	2	10	699
May	1945	493	33	17	10	5	558
June	1945	392	23	6	2	3	426
		5,792	239	95	40	52	6,218

FIRE AND LOSSES BY OCCUPANCIES

FISCAL YEAR 1944-45

	Number	Bldg. Loss	Cont. Loss	Total
Public Buildings:				
Government and Utility	28	$ 10,930	$ 4,690	$ 15,620
Hospitals and Institutions	11	2,925	425	3,350
Amusement Buildings	59	35,110	23,315	58,425
Schools	16	1,860	765	2,625
Churches	15	7,455	950	8,405
Dwellings:				
Apartments	610	54,150	25,491	79,641
Dwellings, Courts, Flats	2,170	321,694	179,217	500,911
Hotels, Lodging Houses	323	34,288	17,765	52,053
Mercantile:				
Office Buildings	61	45,115	63,410	108,525
Established Business	206	88,895	141,035	229,930
Retail Stores	312	31,445	50,511	81,956
Multiple Mercantile	6	11,045	35,080	46,125
Single Mercantile	42	2,770	5,150	7,920
Wholesale Houses	5	6,500	67,070	73,570
Warehouses	46	28,100	210,145	238,245
Restaurants	239	38,320	41,436	79,756
Manufacturing:				
Textiles and Fabrics	21	32,330	53,555	85,885
Chemicals	19	9,575	53,955	63,530
Metal Works	52	38,790	56,540	95,330
Wood Works	13	10,125	8,965	19,090
Food Products	39	63,165	45,535	108,700
Printing and Publishing	11	14,025	12,860	26,885
Flammable Liquids and Bulk	13	100	225	325
Leather, Glass, Paper, etc	13	48,125	85,025	133,150
Film Processing	3	250	170	420
Miscellaneous	144	73,324	216,849	290,173
Miscellaneous Occupancy:				
Lumber Yards	2	100	....	100
Railroad Yards, Wharves	4	575	300	875
Public Garages, Filling Stations	25	652	1,460	2,112
Private Garages	579	155,067	76,287	231,354
Ships	61	25,815	53,712	79,527
Miscellaneous Structures	447	61,272	148,655	209,927
Non-Occupancies:				
Aircraft	113	2,175	150	2,325
Brush and Grass	5,899	3,700	640	4,340
Rubbish	2,025	2,170	415	2,585
Vehicles, Mobile equipment	1,678	272,775	35,660	308,435
Miscellaneous	6,172	20,751	15,891	36,642
Total	21,482	$1,555,463	$1,733,304	$3,288,767

CAUSES OF ALARMS AND LOSSES

FISCAL YEAR 1944-45

	Number	Bldg. Loss	Cont. Loss	Total
Aircraft—Fire, Crash	16	$ 6,440	$ 3,080	$ 9,520
Aircraft—Standby	95	.....	.....	.....
Auto—Accidents	40	26,107	2,233	28,340
Auto—Backfiring	91	3,343	53	3,396
Chimneys, Flues, Vents—Defective, Overheated	175	22,975	6,345	29,320
Electrical Appliances	203	10,252	7,860	18,112
Electrical Motors	271	7,814	10,737	18,551
Electrical Wiring, Defective	820	62,654	23,187	85,841
Explosions	26	4,315	14,405	18,720
False—Accidental	25	.....	.....	.....
False—Malicious	2,231	.....	.....	.....
Fireworks	3	35	.....	35
Heaters—Combustibles Near	159	11,955	10,020	21,975
Heaters—(Space) Defective	109	17,950	7,080	25,030
Heaters—(Water) Defective	136	14,720	7,215	21,935
Home Dry Cleaning	4	490	315	805
Incendiary	45	8,730	10,795	19,525
Incinerators	505	56,005	26,245	82,250
Inflammible liquids	26	2,510	5,920	8,430
Matches—Children	373	28,270	16,580	44,850
Matches—Careless, Misused	46	1,660	1,520	3,180
Miscellaneous known causes	493	69,482	105,555	175,037
Open burning	1,076	37,899	23,233	61,132
Open flame	32	4,615	2,590	7,205
Outside city	93	.....	.....	.....
Rekindle	37	1,100	350	1,450
Rescue Service	1,364	.....	.....	.....
Miscellaneous—Services	1,202	6,112	1,228	7,340
Sparks—From machinery	121	36,335	25,620	61,955
Smoke Scare	744	.....	.....	.....
Careless smoking	1,781	182,910	130,516	313,426
Spontaneous Ignition	67	6,328	13,095	19,423
Stoves, Defective or Overheated	110	6,240	3,955	10,195
Stoves, Food or Grease	318	25,834	18,670	44,504
Suspicious	43	10,520	4,090	14,610
Undetermined	8,558	881,863	1,250,812	2,132,675
Wrong Location	44	.....	.....	.....
Total	21,482	$1,555,463	$1,733,304	$3,288,767

FIRE LOSSES BY MONTHS

Month	Year	Buildings	Contents	Mobile Units	Total
July	1944	$ 93,800	$ 124,443	$ 18,291	$ 236,534
August	1944	101,690	87,403	40,477	229,570
September	1944	105,968	91,629	27,682	225,279
October	1944	87,838	95,437	22,185	205,460
November	1944	77,616	62,788	19,737	160,141
December	1944	101,255	149,600	22,500	273,355
January	1945	123,587	128,424	15,033	267,044
February	1945	47,383	60,868	19,809	128,060
March	1945	103,957	99,166	23,958	227,081
April	1945	236,329	523,254	35,289	794,872
May	1945	133,469	246,602	26,910	406,981
June	1945	58,085	63,690	12,615	134,390
Total		$1,270,977	$1,733,304	$ 284,486	$3,288,767

NOTE: Loss estimates are at best estimates. They are made on the best information available, which is admittedly frequently inadequate and inaccurate. They cannot be used for comparative purposes accurately without taking into consideration many other factors such as changes in property values in comparison with previous years; change in the total value of combustible property in the city and changes in the purchasing value of the dollar itself.

OVER $10,000 LOSSES

July 1944			
12:21 A.M.	12	1534 W. 7th St.	Deluxe Moving & Storage
11:16 A.M.	14	625 S. Broadway	S. H. Kress Co.
8:21 P.M.	21	10844 Burbank	Bland & Eurjian
2:15 A.M.	25	1271-73 E. 6th St.	Ero Mfg. Co.
		Spread to: 1275 E. 6th St.	
6:52 A.M.	27	2916 Brooklyn Ave.	Sam Robbins
Aug. 1944			
4:02 A.M.	24	2315 E. Olympic	O. C. Field Synd.
3:18 A.M.	28	2433 E. 14th St.	Santa Fe Railway
		Spread to: 2427 E. 14th St.	
		2500 E. 12th St.	
3:04 P.M.	29	Canoga & Ventura	Grass Fire
Sept. 1944			
2:05 A.M.	4	3213 Riverside Dr.	K. DeRoda
7:17 A.M.	14	1616 S. Figueroa	Edward Rose Mfg. Co.
9:24 P.M.	16	3631 Avalon Blvd.	F. M. Kowler
		Spread to: 3701 Avalon Blvd.	
		3621 Avalon Blvd.	
		3703½ Avalon Blvd.	
		3630½ Mettler St.	
6:35 A.M.	19	12181 Ventura Blvd.	K. Vahan
2:01 P.M.	20	608 Park Road Dr.	Roy Short
		Spread to: 612 Park Road Dr.	
2:46 A.M.	21	2205 Brooklyn	Ben Bradie
7:31 P.M.	23	200 W. Pico Blvd.	Republic Glass Co.
Oct. 1944			
2:39 P.M.	11	1520 Pleasant Ave.	James Malara
		Spread to: 1514-20 Pleasant Ave.	
		1510-12 Pleasant Ave.	
		1506-06½ Pleasant Ave.	
6:03 A.M.	14	9956 Toluca Lake Ave.	J. Goggin
1:58 P.M.	21	Berth 223, U. S. Navy	U. S. Navy
Nov. 1944			
3:58 A.M.	25	421½ Wall St.	C. B. Stewart
5:15 P.M.	25	1200 Santa Fe	F. W. Fitch Co.
Dec. 1944			
12:34 P.M.	1	516 W. Pico	Mylo-Harding Co.
2:44 A.M.	3	754 E. 29th St.	Doran Engr. Co.
5:10 P.M.	3	6325 Hollywood Blvd.	P.E.P. Belucia
		Spread to: 6329 Hollywood Blvd.	
		6325½ Hollywood Blvd.	
		6327 Hollywood Blvd.	
12:48 A.M.	16	1303 Wilshire Blvd.	Beauty Shop Supply Co.
1:14 P.M.	20	3505 Pasadena	Welch Overall Co.
Jan. 1945			
5:07 P.M.	15	940-50 S. Alameda	Bath Curtain Mfg.
3:43 A.M.	17	Cal-Ship	Cal-Ship Corp.
10:00 P.M.	26	3132 San Fernando Rd.	Lonsberry & Harris
12:19 A.M.	28	227 N. Larchmont	Dan E. Silverman
4:25 A.M.	31	8657 W. Pico	J. J. Stafford
Feb. 1945			
8:52 P.M.	7	2823 E. 11th St.	Hudelson & Co.
4:48 P.M.	9	3414-16 S. St. Andrews Pl.	West Pico Furniture
12:05 A.M.	13	Intersection of Valley and Worth	Southern Pacific Railway

OVER $10,000 LOSSES (Continued)

Mar. 1945			
8:09 P.M.	7	1617 E. 7th St.	S. Shuken Bag Co.
5:17 P.M.	14	2101 S. Los Angeles St.	Arden Farms, Inc.
8:15 A.M.	20	350 S. Broadway	David Padwalsky
12:19 P.M.	24	1811 Johnston	Trimm Mfg. Co.
1:12 P.M.	30	2721 Baldwin St.	Mrs. Bessie Miller
		Spread to: 2205½ Sitchell St.	
		2721 Baldwin St.	
		2719½ Baldwin St.	
		2205 Sitchell St.	
		2205½ Sitchell St.	
		2719 Baldwin	
Apr. 1945			
5:02 A.M.	1	3443 So. Hill St.	Menard & Tabery, Inc.
		Spread to: 3430 S. Grand	
		3430½ S. Grand	
		230 W. Jefferson	
10:30 P.M.	7	687 Antonio St.	E. W. Brahm
		Spread to: 685 Antonio St.	
3:37 A.M.	8	1221 N. Highland	H. B. White
		Spread to: 1218 N. Citrus	
		1220½ N. Citrus	
5:05 A.M.	14	720 E. 59th St.	Eastman Tag & Label Co.
1:11 A.M.	15	2159 Bay St.	Hill Bros. Chemical
12:31 P.M.	15	2223 Aaron St.	Elmer Davis
		Spread to: 2223 Aaron St.	
		1751 Glendale Blvd.	
		1759 Glendale Blvd.	
		1763 Glendale Blvd.	
		1751 Glendale Blvd.	
6:24 P.M.	16	804 E. Florence Ave.	Wards & Schella Metal Polish Co.
		Spread to: 800 E. Florence	
		800 E. Florence	
		800 E. Florence	
5:43 A.M.	17	3049 E. 12th St.	Southland Paper Co.
		Spread to: 3055 E. 12th St.	
2:30 A.M.	19	5064 Lankershim Blvd.	Kelly Cleaning
		Spread to: 5062 Lankershim Blvd.	
5:45 P.M.	19	318 N. Ave. 22	United Battery Co.
5:23 P.M.	28	3209 Humboldt St.	Cannon Mfg. Co.
		Spread to: 3011 Humboldt St.	
May 1945			
1:37 A.M.	12	2643 E. 25th St.	Peterson Mfg. Co.
8:17 A.M.	16	3625 S. Grand Ave.	Bekins Van & Storage
6:16 P.M.	21	1111 W. Pico	Aero Reclamation
		Spread to: 1121 W. Pico	
		1105 W. Pico	
1:04 P.M.	30	L. A. Shipbuilding Co.	Todd Shipbuilding
June 1945			
9:31 P.M.	12	618 Banning	Joe Wiseberger
7:32 P.M.	19	3022 S. Western	R. C. Humason

ALARMS AND LOSSES SEGREGATED BY BATTALION DISTRICTS

	1	2	3	4	5	6	7	8	9	10	11	12	13	Total
July 1944														
Alarms	108	289	202	185	126	173	145	318	179	223	227	.....	.....	2,175
Building Loss	$11,960	$ 6,530	$ 6,623	$13,855	$11,240	$ 1,815	$17,035	$ 8,902	$ 4,140	$ 5,630	$ 6,070	$	$	$ 93,800
Content Loss	8,310	1,266	3,025	38,450	5,735	825	35,725	12,045	2,147	13,590	3,325	.....	.....	124,443
Mobile Loss	229	1,066	375	2,605	1,335	3,440	3,677	2,572	1,407	1,250	335	.....	.....	18,291
August 1944														
Alarms	133	200	195	180	161	127	153	225	130	236	209	.....	.....	1,949
Building Loss	10,525	5,110	3,505	4,500	3,005	670	47,480	7,495	3,155	12,450	3,795	.....	.....	101,690
Content Loss	3,900	1,755	1,825	2,380	3,212	2,955	51,270	4,510	2,775	10,695	2,126	.....	.....	87,403
Mobile Loss	453	2,340	1,395	1,665	2,375	5,210	9,761	2,251	10,250	3,532	1,245	.....	.....	40,477
September 1944														
Alarms	122	143	113	112	117	107	136	116	101	152	151	131	85	1,586
Building Loss	2,195	4,995	4,779	31,525	1,705	1,780	10,235	3,625	3,517	15,020	19,505	5,137	1,950	105,968
Content Loss	2,095	4,255	6,223	22,280	5,500	2,270	10,860	8,565	3,408	11,048	5,865	8,395	865	91,629
Mobile Loss	105	1,010	261	9,692	765	8,060	837	715	850	2,705	1,199	782	701	27,682
October 1944														
Alarms	111	130	92	108	108	103	141	161	78	148	137	103	85	1,505
Building Loss	3,315	8,485	4,425	8,285	4,273	16,330	14,150	6,370	3,410	12,050	1,200	2,790	2,755	87,838
Content Loss	3,835	2,980	6,740	15,385	3,630	40,912	2,605	3,135	975	6,895	2,910	2,055	3,380	95,437
Mobile Loss	302	355	2,448	1,617	1,108	8,680	625	602	1,852	2,639	720	727	510	22,185
November 1944														
Alarms	91	89	95	120	79	70	102	134	71	102	91	124	70	1,238
Building Loss	15,859	8,260	4,025	5,625	3,865	5,015	3,810	9,815	4,445	7,050	2,630	5,095	2,122	77,616
Content Loss	10,933	4,490	1,880	1,340	1,585	3,585	16,225	5,415	1,480	7,490	1,580	2,330	4,455	62,788
Mobile Loss	393	1,585	1,600	4,383	207	1,925	490	645	15	1,840	112	5,420	1,122	19,737
December 1944														
Alarms	121	116	99	153	142	77	111	149	87	124	121	98	84	1,482
Building Loss	5,920	19,325	8,230	12,970	13,670	1,860	6,090	4,735	10,060	6,290	7,510	1,465	3,130	101,255
Content Loss	7,440	61,922	2,950	21,260	10,000	8,295	6,095	4,415	2,690	4,963	14,505	1,495	3,570	149,600
Mobile Loss	736	530	2,713	1,434	3,085	1,275	4,182	516	75	4,832	1,885	460	777	22,500
January 1945														
Alarms	114	84	87	115	112	94	89	110	83	126	108	110	86	1,318
Building Loss	5,825	5,705	7,550	6,635	3,835	37,020	17,460	5,610	2,140	11,255	6,302	10,590	3,660	123,587
Content Loss	10,587	13,890	7,122	3,440	2,935	22,265	21,665	5,340	2,040	7,615	3,775	23,420	4,330	128,424
Mobile Loss	363	880	939	852	1,095	2,275	370	1,065	2,255	2,235	636	622	1,446	15,033
February 1945														
Alarms	121	71	87	114	119	66	78	102	81	82	85	94	83	1,183
Building Loss	3,525	2,520	6,025	4,780	2,315	1,295	10,140	6,270	868	2,765	1,190	2,285	3,405	47,383
Content Loss	2,937	5,635	20,750	6,800	1,240	2,498	9,490	2,440	640	3,883	1,030	1,435	2,090	60,868
Mobile Loss	490	8,930	70	1,562	685	608	1,365	665	500	3,400	475	497	562	19,809

March 1945														
Alarms	102	99	99	108	107	80	87	124	79	101	99	114	84	1,283
Building Loss	$ 7,330	$26,625	$ 2,862	$19,430	$ 4,095	$ 2,780	$ 5,150	$ 7,235	$ 9,085	$ 6,535	$ 3,595	$ 6,070	$ 3,165	$103,957
Content Loss	21,235	17,170	2,215	11,860	2,732	2,610	20,410	2,985	7,019	6,160	600	2,480	1,690	99,166
Mobile Loss	252	3,276	740	2,215	1,451	615	486	1,586	3,465	3,738	1,007	2,002	3,125	23,958
April 1945														
Alarms	154	158	127	141	156	104	149	136	116	150	145	169	113	1,818
Building Loss	12,571	15,920	7,715	58,000	30,113	790	54,705	7,515	6,060	9,090	16,185	8,885	8,780	236,329
Content Loss	21,485	77,935	57,032	62,415	40,275	4,665	139,590	23,480	9,002	35,870	28,095	10,915	12,495	523,254
Mobile Loss	1,037	2,650	1,416	11,182	3,335	1,490	290	568	2,163	2,140	1,833	5,503	1,682	35,289
May 1945														
Alarms	122	458	202	176	155	260	238	222	309	421	340	251	389	3,543
Building Loss	7,565	13,665	3,385	24,025	8,255	18,815	23,560	5,635	6,325	5,555	6,020	4,119	6,545	133,469
Content Loss	6,645	7,165	2,135	138,640	3,120	14,675	45,900	3,470	11,415	4,145	2,115	2,797	4,380	246,602
Mobile Loss	420	1,895	1,710	3,196	3,132	7,700	2,671	1,786	770	1,750	365	575	940	26,910
June 1945														
Alarms	108	271	151	108	105	191	168	142	256	298	197	155	252	2,402
Building Loss	3,295	6,840	2,750	9,120	5,535	3,103	6,357	6,450	2,190	2,635	1,990	6,985	835	58,085
Content Loss	2,500	1,990	12,100	5,845	4,430	2,175	16,205	5,865	1,225	2,475	1,665	6,305	910	63,690
Mobile Loss	181	453	140	2,236	175	1,370	1,980	1,095	490	3,070	305	655	465	12,615

SUMMARY

Battalion	Alarms	Building Loss	Content Loss	Mobile Unit Loss	Total
1	1,407	$ 89,885	$ 101,902	$ 4,961	$ 196,748
2	2,108	123,980	200,453	24,970	349,403
3	1,549	61,874	123,997	13,807	199,678
4	1,620	198,750	330,095	42,639	571,484
5	1,487	91,906	84,394	18,748	195,048
6	1,452	91,273	107,730	42,648	241,651
7	1,597	216,172	376,040	26,734	618,946
8	1,939	79,657	81,665	14,066	175,388
9	1,570	55,395	44,816	24,092	124,303
10	2,163	96,325	114,829	33,131	244,285
11	1,910	75,992	67,591	10,117	153,700
12	1,349	53,421	61,627	17,243	132,291
13	1,331	36,347	38,165	11,330	85,842
	21,482	$1,270,977	$1,733,304	$284,486	$3,288,767

Until September, 1944, the city was divided into 11 battalions and thereafter into 13 battalions.

This study was made to determine work load in battalions and not efficiency of battalions. Fire losses are no indication of the efficiency or inefficiency of a department or one of its units. Studies of all factors involved in a loss are necessary to determine the efficiency with which the fire was handled. (Authority: George W. Booth, Chief Engineer, National Board of Fire Underwriters.)

SCHEDULE "A"—BUREAU OF FIRE PREVENTION

APPLICATION FOR PERMITS

APPLICATIONS COMPLETED

CLASSIFICATION	New	Re-newals	Trans-fers	Disap-provals	Total Com-pleted	Cancel-lations	Pend-ing	Total Received
Acetylene Generators	24	3	1	....	28	....	1	29
Additional Tanks—Underground	....	11	2	....	13	....	2	15
Aircraft Fueling Posts	1	1	....	....	2	....	....	2
Auto Filling Stations	52	524	852	....	1,428	55	116	1,599
Auto Parking Stations	59	119	92	1	271	20	27	318
Barbecue Pits	23	....	....	....	23	....	....	23
Barbed Wire	46	11	1	11	69	....	4	73
Barrels—Boxes—Crates	10	5	....	1	16	5	5	26
Boarding Schools	2	37	1	....	40	....	5	45
Bulk Distributing Plants	....	2	....	....	2	....	....	2
Certificate of Fitness to Recharge Fire Extinguishers	79	....	....	2	81	....	....	81
Devices—Approval of	73	....	....	1	74	1	1	76
Film Storage	14	25	2	....	41	2	4	47
Film Transportation	....	3	....	....	3	....	....	3
Fireworks	1	....	....	....	1	....	....	1
Garages—Public	81	227	248	6	562	68	72	702
Garages—Tenant	6	4	3	....	13	....	....	13
Hospitals	....	22	5	....	27	....	12	39
Inflam. Liquid Storage—Miscel. Undergr'nd	147	186	54	....	387	10	16	413
Inflam. Liquid Storage—Miscel. Gravity	286	4	....	....	290	4	4	298
Inflam. Liquid Storage—Miscel. Portable	4	1	....	....	5	2	....	7
Lighters, Barges, etc.	....	5	....	....	5	1	....	6
Lot Cleaning—A Business	4	5	....	....	9	....	....	9
Marine Loading Terminals	....	2	....	....	2	....	....	2
Natural Gasoline Plants	....	3	....	....	3	....	1	4
Oil Wells	60	1,020	46	....	1,126	....	24	1,150
Public Assemblages	19	24	14	3	60	5	35	100
Public Filling Stations	11	90	32	....	133	3	1	137
Public Oil Depots	....	1	....	....	1	....	....	1
Refineries	....	7	1	....	8	....	1	9
Roofing Kettles	20	37	....	1	58	2	9	69
Sanitariums	2	35	6	....	43	....	4	47
Tank Trucks, etc.	534	557	11	5	1,107	57	188	1,352
Theatres—Legitimate	....	1	3	....	4	....	....	4
Theatres—Motion Picture	1	92	12	....	105	2	26	133
Totals	1,559	3,064	1,386	31	6,040	237	558	6,835

SCHEDULE "B"

CLASSIFICATION OF OCCUPANCY INSPECTION

Made by Bureau of Fire Prevention for

Occupancies	Inspections	Notices of Violations	Corrections
Air Vehicle Hangars	97	85	71
Apartments	4,774	2,737	2,875
Automobile Parking Stations	702	271	268
Boarding Schools, Homes	870	1,224	1,342
Bulk Distributing Stations	81	17	16
Chemicals	303	119	135
Churches	221	110	83
Courts, Flats, Dwellings	16,362	4,853	5,365
Dehydrating Plants	5	....	....
Department Stores	45	23	18
Established Business	4,074	1,130	1,159
Exchanges (Film)	262	114	115
Flammable Liquids, Gases	446	220	229
Food Products	775	285	281
Frat Houses, Dormitories	60	28	21
Garages	2,167	1,029	805
Hospitals, Sanitariums, etc.	1,132	887	436
Hotels, Lodging Houses, etc.	2,630	1,868	1,789
Laboratories (Film)	94	59	45
Leather, Glass, Paper, etc.	1,263	752	687
Liquefied Petroleum Storage, etc.	297	31	22
Lumber Yards, Planing Mills	209	74	74
Metal	2,299	1,184	1,312
Motor Vehicle Service Stations	4,204	1,682	1,567
Natural Gasoline Plants	20	5	4
Offices (Office Buildings)	524	158	192
Oil Wells, Derricks	5,040	386	370
Places of Amusement	2,481	1,386	1,431
Printing and Publishing	180	52	66
Public Utilities	111	51	32
Refineries	48	....	9
Restaurants	1,704	537	519
Retail Stores	4,009	1,372	1,115
Schools	831	1,475	1,146
Studios (Film)	133	85	56
Textile, Fabrics	875	428	420
Theatres, Motion Picture	3,018	593	634
Warehouses	1,519	1,391	412
Wholesale Houses	520	184	174
Wood	1,865	1,163	1,205
Totals	67,232	28,158	26,595

SCHEDULE "B"—Continued

MISCELLANEOUS INSPECTIONS

Occupancies	Inspections	Notices of Violations	Corrections
Approval of Devices	157	14	1
Certificates of Fitness	81	....	....
Miscellaneous Structures	2,160	246	268
Roofing Kettles	330	38	32
Tanks, Fuel	868	5	12
Tank Trucks, Trailers, etc.	3,191	372	318
Vacant Lots	3,155	950	851
Totals	9,942	1,625	1,482
OCCUPANCIES	67,232	28,158	26,595
MISCELLANEOUS	9,942	1,625	1,482
GRAND TOTAL	77,174	29,783	28,077
BURNING PERMITS ISSUED	9,330		

SCHEDULE "C"

CLASSIFICATION OF NOTICES SERVED

Barbecue Pits	5	Incinerators	3,855
Boxes, Wood, etc.	481	Inflam. Liquids, Gases	889
Chemicals	7	Loading Racks	56
Dispensing Apparatus	159	Miscellaneous	2,907
Dry Vegetation	464	Open Flame, Spark Device	129
Dusts and Blower Systems	217	Permits	960
Electrical Wiring and Appl.	1,522	Piping	39
Exits, Doors, Passages, etc.	3,526	Portable Buggies	18
Fire Doors	583	Rubbish and Waste	6,083
Fire Escapes	464	Signs "No Smoking," etc.	917
Fire Extinguishers	2,298	Stages and Stage Equip.	179
Film Proj. Rooms and Equip.	85	Standpipes, Sprinkler System	804
Film, Storage, Handling, etc.	115	Spray Booths, Rooms	241
Hay, Packing Material, etc.	162	Tanks, Gravity and Undergr'nd	174
Heating Devices and Appl.	703	Ventilating Systems	116
		TOTAL	28,158

OCCUPANCY CLASSIFICATION OF NOTICES	28,158
NOTICES ON MISCELLANEOUS INSPECTIONS	1,625
TOTAL	29,783

SCHEDULE "D"

MISCELLANEOUS ACTIVITIES

New Notices	17,995
Completed Notices	16,304
Complaints Received	13,516
Referred to Other Departments	685
Applications Received	6,218
Applications Prepared for Commission	6,008
Temporary Abandonments of Underground Tanks	20

SCHEDULE "E"

COMPARISON OF MISCELLANEOUS ACTIVITIES WITH PREVIOUS YEARS

	June 30, 1943	June 30, 1944	June 30, 1945
Inspections	100,140	91,807	77,174
Violations	26,740	25,740	29,783
Corrections	22,826	24,556	28,077
Complaints	13,286	12,302	13,516
F-44 Intradepartmental	1,560	1,605	1,489

SCHEDULE "F"

SURVEYS MADE AND SUBMITTED

Flammable Liquids and Industrial Detail	691	
Schools and Institution Detail	247	
Public Education Detail	218	
Theatre and Public Assemblage Detail	33	
		1,189

SURVEYS COMPLETED

Flammable Liquids and Industrial Detail	646	
Schools and Institution Detail	205	
Public Education Detail	25	
Theatre and Public Assemblage Detail	36	
		912
SURVEYS PENDING COMPLETION JUNE 30, 1945		277

SCHEDULE "G"

Cases Cited before City Attorney	723
Cases Completed before and after hearing at City Attorney's Office	699
Complaints Issued by City Attorney	26
Convictions	22
Dismissals	1
Pending	3

SCHEDULE "H"

CLASSIFICATION OF F-44 INTRA-DEPARTMENTAL COMPLAINT FORM

By Company Officers

Battalion	"A" Platoon	"B" Platoon	Platoon Not Shown	Total
1	75	77	....	152
2	30	58	....	88
3	61	99	....	160
4	18	26	....	44
5	130	150	....	280
6	3	8	....	11
7	39	58	....	97
8	48	92	....	140
9	10	15	....	25
10	22	23	....	45
11	76	85	....	161
12	54	52	....	106
13	31	76	....	107
Asst. Chiefs	....	....	2	2
Arson Bureau	....	....	71	71
Totals	597	819	73	1,489

NOTE: The value of this method has demonstrated the value of company officers reporting violations noted in first-in districts.

SCHEDULE "I"

PERSONNEL

July 1, 1942
4 Captains
54 Inspectors
2 Military Leave
52 Inspectors—active duty

July 1, 1943
4 Captains
45 Inspectors
7 Military Leave
38 Inspectors—active duty

July 1, 1944
5 Captains
1 Acting Captain
41 Inspectors
1 Captain—Military Leave
7 Inspectors—Military Leave
34 Inspectors—active duty

July 1, 1945
5 Captains
1 Acting Captain
32 Inspectors
1 Captain Military Leave
6 Inspectors—Military Leave
25 Inspectors—active duty

SCHEDULE "J"

SPECIAL OVERTIME INSPECTIONS OF HOTELS AND APARTMENT HOUSES

Date	Inspections	Notices	Surveys	Violations	Referred to Other Depts.	Locked Exits
Dec. 2, 1944	411	210	10	540	8	38
Dec. 11, 1944	206	94	6	191	7	9
Dec. 19, 1944	235	74	....	125	6	9
Jan. 13, 1945	314	134	4	316	7	20
Feb. 17, 1945	392	142	3	259	5	7
Mar. 17, 1945	395	173	11	415	7	26
Apr. 14, 1945	319	144	9	303	4	10
May 5, 1945	246	109	4	274	6	10
June 30, 1945	95	43	7	153	1	6
Totals	2,613	1,123	54	2,576	51	135

SCHEDULE "K"

JUNIOR FIRE DEPARTMENT

STATISTICAL DATA—BASED ON REPORTS FROM TEACHERS

	Second Semester	Third Semester
Fifth and Sixth Grade Students in City	32,105	32,700
New Fifth Grade Students Taking Examination	16,711	10,090
New Students Passing Examination	13,303	9,284
New Students Becoming Junior Firemen	13,303	9,284
Total Junior Firemen in Schools	28,042	27,023

Schools Eligible for Program	269
Schools that Participated 100 per cent	253
Schools in Modified Program*	14
Schools Not Participating	2

* Modified program for special development schools and those that could not handle program. Instruction was given but students did not participate in fire hazard contest.

SCHEDULE "L"

JUNIOR FIRE DEPARTMENT

EDUCATIONAL MATERIAL PREPARED BY PUBLIC EDUCATION DETAIL

Slide Lectures

"Your Home"—5 sets	225 Slides
"The Fireman's Job"—5 sets	260 Slides

Booklet

"Questions and Answers in Home Fire Prevention"
32 pages; 17,050 copies. Written and published.

JUNIOR FIRE DEPARTMENT EXAMINATIONS ..... 36,000 Copies

TEACHING OF FIRE PREVENTION

By Fire Department Inspectors	128,700 Student Hours
By School Teachers	320,000 Student Hours
Total	448,700 Student Hours

SCHEDULE "M"

JUNIOR FIRE DEPARTMENT

SUMMARY

Lectures with Motion Pictures by Fire Department Inspectors	550
Lectures with Slides by Fire Department Inspectors	642
P.T.A. and Civic Groups Addressed	40
Attendance at Above	2,733
Fire Drills Given at Schools	42
Radio Programs	2
Home Fire Hazards Corrected by Junior Firemen	98,000

STATISTICAL SUMMARY OF RESCUE COMPANY CALLS

For Fiscal Year Ending June 30, 1945

Cause of Emergency Calls	Men	Women	Children	Total	Found Dead on Arrival	Extent of Artificial Respiration and Oxygen Treatment: Unsuccessful	Proved Beneficial	Successful Revived	Total
General Cases:									
Accident	2	....	2	4	....	....	4	....	4
Acute Indigestion	2	....	....	2	1	....	1	....	2
Alcoholic Poisoning	7	3	2	12	3	....	8	1	12
Anesthesia	....	....	2	2	....	....	1	1	2
Apoplexy	9	4	....	13	1	3	9	....	13
Asthma	25	31	4	60	3	3	54	....	60
Attempted Suicide:									
Illuminating Gas	7	9	....	16	3	....	12	1	16
Drowning	3	....	....	3	2	....	1	....	3
Hanging	2	1	....	3	1	....	2	....	3
Poison	2	8	1	11	3	1	7	....	11
Bronchitis	1	1	....	2	....	....	2	....	2
Carbon Monoxide Illuminating Gas (accidental)	6	13	1	20	3	....	16	1	20
Child Birth	....	3	....	3	1	....	2	....	3
Convulsions	....	5	4	9	....	....	9	....	9
Drowning	10	4	14	28	22	....	6	....	28
Drug Poisoning	5	13	2	20	1	1	15	3	20
Electrocution	3	....	1	4	4	....	....	....	4
Gas Poisoning	10	2	2	14	2	1	9	2	14
Heart Attack	192	118	2	312	75	20	213	4	312
Hemorrhage	7	4	....	11	4	2	5	....	11
Hysteria	2	6	....	8	....	....	8	....	8
Lung Trouble	7	9	....	16	3	2	11	....	16
Organic Trouble	19	10	4	33	9	3	21	....	33
Pneumonia	7	6	9	22	3	3	16	....	22
Respiratory Failure	1	6	2	9	2	2	2	3	9
Suffocation	3	2	17	22	15	....	4	3	22
Suffocation (cave in)	1	....	....	1	1	....	....	....	1
Surgical Operation and Shock	5	13	3	21	9	2	6	4	21
Tonsillectomy	....	....	4	4	3	....	1	....	4
Unknown	41	19	29	89	43	6	38	2	89
TOTAL	379	290	105	774	217	49	483	25	774
New Born Babies:									
Anesthetic from Mother	....	....	14	14	....	....	13	1	14
Asphyxia of the New Born	....	....	6	6	....	....	5	1	6
Blue Baby	....	....	3	3	....	....	2	1	3
Brain Hemorrhage	....	....	3	3	....	1	2	....	3
Breech Presentation	....	....	9	9	3	2	4	....	9
Caesarean	....	....	21	21	2	1	14	4	21
Collapsed Lungs	....	....	4	4	....	1	3	....	4
Compression of Cord	....	....	3	3	1	....	1	1	3
Instrument Delivery	....	....	11	11	1	....	9	1	11
Organic Trouble	....	....	6	6	....	2	4	....	6
Premature	....	....	25	25	5	4	13	3	25
Prolonged Labor	....	....	7	7	3	....	4	....	7
Respiratory Failure	....	....	14	14	....	2	10	2	14
Still Born	....	....	15	15	14	....	....	1	15
Strangulation	....	....	10	10	4	....	6	....	10
Unknown	....	....	17	17	6	....	9	2	17
Total			168	168	39	13	99	17	168
General Cases	379	290	105	774	217	49	483	25	774
New Born Babies	....	....	168	168	39	13	99	17	168
GRAND TOTAL	379	290	273	942	256	62	582	42	942

REPORT OF ALARMS—INDIVIDUAL COMPANY RECORDS

Company Engine Co.	Total Alarms	False Alarms	Miles Run	Feet Hose Laid 1"	Feet Hose Laid 1½"	Feet Hose Laid 2½"	Feet Hose Laid 3½"	Feet Ladders Raised	Covers Laid	Sacks Sawdust Used	Times Tank Used	Worked Hrs.	Worked Min.	Pumped Hrs.	Pumped Min.
1	521	136	1,730.1	.....	3,150	28,050	.....	170	....	....	99	346	18	56	15
2	732	243	1,521.4	.....	11,400	39,850	.....	230	....	....	194	313	36	58	27
3	594	156	755.1	.....	1,650	10,000	14,200	118	....	....	53	176	59	19	43
4	622	233	1,107.3	.....	3,350	11,100	10,850	100	....	....	57	189	57	24	05
5	781	111	1,444.4	.....	1,200	16,850	16,600	230	....	....	70	287	40	19	25
6	513	175	950.8	.....	5,700	17,150	.....	90	....	....	130	180	57	21	14
7	579	122	1,214.4	.....	11,150	33,300	.....	280	....	....	61	259	51	27	22
8	324	22	561.0	.....	7,250	25,500	.....	200	....	....	41	137	17	21	55
9	618	105	1,040.2	.....	7,350	25,750	26,500	232	....	....	23	225	42	46	35
10	455	53	722.3	.....	12,300	36,650	.....	60	....	....	74	212	40	32	55
11	435	21	633.3	.....	7,100	16,100	.....	20	....	....	57	176	05	24	42
12	402	63	1,077.1	.....	6,800	16,600	.....	70	....	....	129	224	02	15	28
13	371	22	630.9	.....	3,900	16,200	.....	300	....	....	48	133	47	26	....
14	815	224	1,735.0	.....	14,500	39,600	400	630	....	....	68	327	19	45	01
15	371	54	686.1	.....	8,450	25,550	.....	440	....	....	28	170	50	35	38
16	596	172	666.7	.....	3,550	14,000	500	200	....	....	118	167	50	9	03
17	345	65	946.9	.....	7,000	32,550	16,300	112	....	....	42	238	55	91	55
18	371	67	768.2	.....	8,350	23,200	.....	190	....	....	53	180	27	23	10
19	473	165	1,178.3	.....	4,350	12,850	.....	160	....	....	72	221	06	38	20
20	468	43	1,078.2	.....	6,200	17,500	.....	80	....	....	109	221	27	25	....
21	579	143	1,055.9	.....	7,900	22,450	.....	400	4	....	114	233	44	27	15
22	644	152	1,392.1	.....	6,700	20,750	.....	120	....	....	97	210	43	29	....
23	800	134	1,053.2	.....	4,800	16,700	12,300	782	....	....	109	293	36	22	50
24	539	150	920.8	.....	4,600	13,250	9,000	100	....	....	22	199	54	28	35
25	510	125	921.0	.....	10,350	34,050	.....	370	....	....	111	266	41	37	50
26	320	43	757.0	.....	4,500	12,800	.....	114	....	....	54	118	24	7	45
27	349	26	973.0	.....	7,800	18,550	7,350	200	....	....	12	136	40	22	45
28	672	62	873.7	.....	6,950	10,900	12,800	530	....	....	98	241	51	19	30
29	400	15	960.7	.....	4,350	10,300	.....	30	....	....	48	159	46	10	58
30	745	162	1,320.8	.....	10,450	42,000	1,750	40	....	....	91	347	20	57	11
31	380	52	971.9	.....	5,400	12,900	.....	80	....	....	47	136	34	7	10
32	585	21	1,013.2	.....	8,200	24,800	.....	120	....	....	127	228	35	17	18
33	402	44	968.8	.....	5,200	12,700	.....	310	....	....	71	141	55	21	25
34	393	97	928.6	.....	9,100	18,650	.....	150	....	....	43	155	42	14	15
35	525	35	1,235.5	.....	8,000	30,300	.....	500	....	....	145	260	35	24	36
36	305	21	590.4	.....	5,800	16,800	.....	60	....	....	95	107	20	23	40
37	354	6	546.7	2,400	4,250	18,500	.....	140	4	....	121	187	43	35	38
38	387	30	1,236.4	.....	3,550	13,500	.....	340	....	....	100	183	25	18	20
39	167	1	814.5	.....	4,500	15,250	.....	20	....	....	23	100	41	8	20
40	64	3	132.8	.....	1,150	5,250	800	50	....	....	1	44	36	22	35
41	211	3	605.8	1,300	5,950	11,100	.....	122	....	....	39	105	15	20	48
42	170	24	374.6	2,650	2,600	9,000	.....	70	....	....	30	97	44	23	25
43	271	9	997.0	.....	1,850	12,500	.....	40	....	....	114	144	06	21	50
44	344	35	1,306.0	10,050	5,500	13,550	.....	60	....	....	132	201	18	24	10
45	385	33	977.6	.....	3,600	9,600	.....	90	....	....	56	136	38	15	15
46	395	102	939.4	.....	5,150	14,350	.....	170	....	....	35	143	53	9	35
47	407	58	928.0	.....	3,250	7,550	.....	160	....	....	123	222	49	15	15

REPORT OF ALARMS—INDIVIDUAL COMPANY RECORDS—Cont'd.

Company	Total Alarms	False Alarms	Miles Run	Feet Hose Laid 1"	1½"	2½"	3½"	Feet Ladders Raised	Covers Laid	Sacks Sawdust Used	Times Tank Used	Worked Hrs.	Worked Min.	Pumped Hrs.	Pumped Min.
Engine Co.															
48	289	24	497.9	.....	2,550	6,500	.....	80	....	....	152	94	55	14	20
49	216	24	524.7	.....	2,800	13,250	500	10	....	....	32	105	50	28	28
50	551	26	831.1	.....	6,950	19,250	.....	160	....	....	58	178	36	22	08
51	454	31	1,337.1	.....	6,600	18,900	.....	290	....	....	71	181	59	10	45
52	468	31	1,191.8	.....	7,350	22,550	.....	362	....	....	41	189	50	21	25
53	399	17	1,368.0	.....	5,000	13,200	.....	54	....	....	101	178	51	20	10
54	211	25	537.2	.....	3,100	6,900	.....	90	2	....	46	86	42	8	56
55	445	69	1,510.9	5,650	6,100	21,200	.....	20	....	....	113	232	37	20	05
56	390	20	1,146.7	.....	7,250	21,350	.....	60	....	....	152	220	27	29	39
57	474	41	1,404.2	.....	5,000	13,050	.....	184	....	....	126	164	12	12	07
58	420	80	809.2	.....	5,650	15,600	.....	248	....	....	76	159	52	13	52
59	280	11	847.3	.....	4,500	10,100	.....	240	2	....	75	108	07	20	10
60	509	13	1,674.0	.....	7,400	16,000	.....	330	1	....	215	257	15	22	50
61	529	27	1,478.7	.....	5,200	14,300	.....	60	....	....	139	202	14	3	45
62	241	42	414.6	.....	1,000	4,200	.....	20	....	....	75	71	38	7	26
63	301	38	804.5	.....	3,350	9,300	.....	60	....	....	139	103	13	13	55
64	491	20	1,407.0	.....	6,100	20,850	.....	388	....	....	197	219	38	22	....
65	287	2	549.0	.....	4,800	16,500	.....	480	....	....	113	40	48	22	05
66	347	21	784.1	.....	2,950	9,550	.....	30	....	....	63	139	36	9	47
67	412	31	1,209.5	.....	4,700	9,000	.....	80	....	....	141	194	31	8	05
68	596	55	1,731.6	.....	4,800	12,450	.....	60	2	....	243	245	20	8	55
69	71	1	258.1	.....	650	2,000	.....	....	....	....	9	40	17	4	55
70	630	141	2,055.9	9,450	5,650	21,600	.....	90	....	....	157	312	15	32	30
71	96	3	476.9	300	1,750	7,650	.....	50	4	....	19	61	58	15	13
72	65	....	496.9	1,800	700	3,100	.....	116	....	....	10	52	05	21	40
73	91	....	700.3	.....	1,900	7,750	.....	240	....	....	20	76	48	15	50
74	97	2	314.9	.....	1,100	4,750	.....	120	....	....	8	45	50	15	07
75	194	4	1,323.4	2,800	4,800	16,050	.....	130	....	....	58	148	05	36	50
77	158	4	1,016.8	.....	1,250	8,450	.....	90	1	....	16	138	48	16	40
78	332	5	1,470.2	.....	4,350	13,950	.....	140	4	....	101	189	13	10	38
79	90	3	388.7	.....	850	3,750	.....	10	....	....	49	80	27	21	20
80	78	1	379.8	.....	900	1,750	.....	30	....	....	29	40	57	10	50
81	67	1	147.9	.....	1,000	6,500	1,300	40	....	....	2	45	30	22	40
82	697	41	2,167.5	6,800	14,100	26,150	.....	370	....	....	162	304	31	38	20
83	116	5	663.8	13,300	3,450	.....	.....	70	1	....	90	100	58	43	27
Truck Co. No.															
1	515	171	1,861.6	.....	.....	.....	.....	4,150	8	7	....	266	17	....	....
2	486	215	965.0	.....	.....	.....	.....	5,714	6	3	....	175	26	....	....
3	578	143	793.9	.....	.....	.....	.....	6,362	....	27	....	233	08	....	....
4	553	209	1,073.5	.....	.....	.....	.....	3,230	....	7	....	173	09	....	....
10	444	50	930.6	.....	.....	.....	.....	8,386	....	55	....	269	26	....	....
11	411	24	916.4	.....	.....	.....	.....	4,292	2	12	....	196	26	....	....
12	224	57	694.1	.....	.....	.....	.....	1,886	31	5	....	107	36	....	....
17	363	73	1,085.0	.....	.....	.....	.....	6,598	10	22	....	263	04	....	....
20	416	82	1,377.9	.....	.....	.....	.....	3,689	7	14	....	207	44	....	....

REPORT OF ALARMS—INDIVIDUAL COMPANY RECORDS—Cont'd.

Company	Total Alarms	False Alarms	Miles Run	Feet Hose Laid 1"	1½"	2½"	3½"	Feet Ladders Raised	Covers Laid	Sacks Sawdust Used	Times Tank Used	Worked Hrs.	Worked Min.	Pumped Hrs.	Pumped Min.
Truck Co. No.															
22	769	211	2,355.4	.....	.....	.....	.....	6,532	13	14	....	333	35	....	....
24	377	93	641.3	.....	.....	.....	.....	3,381	....	....	....	174	49	....	....
26	562	118	2,222.1	.....	.....	.....	.....	6,437	11	18	....	314	58	....	....
27	402	28	1,285.3	.....	.....	.....	.....	5,697	....	4	....	204	55	....	....
28	735	93	1,380.3	.....	.....	.....	.....	7,719	....	8	....	344	47	....	....
29	376	26	1,112.4	.....	.....	.....	.....	4,549	8	....	....	193	55	....	....
30	670	182	1,453.6	.....	.....	.....	.....	8,495	11	28	....	503	32	....	....
37	195	6	981.8	.....	.....	.....	.....	2,956	42	15	....	137	33	....	....
39	204	1	1,639.3	.....	.....	.....	.....	2,276	30	19	16	149	17	11	55
48	245	55	818.7	.....	.....	.....	.....	1,074	4	9	....	93	31	....	....
61	307	37	931.7	.....	.....	.....	.....	2,410	....	2	....	136	36	....	....
63	194	35	536.0	.....	.....	.....	.....	1,099	11	6	....	74	40	....	....
66	535	64	3,192.5	.....	.....	.....	.....	4,452	44	25	....	285	36	....	....
Rescue Co. No.															
23	1,125	131	4,231.0	.....	.....	.....	.....	....	....	....	....	643	45	....	....
27	282	....	2,005.3	.....	.....	.....	.....	....	....	....	....	265	41	....	....
36	121	2	638.8	.....	.....	.....	.....	....	....	....	....	111	12	....	....
39	187	....	2,005.0	.....	.....	.....	.....	....	....	....	....	213	40	....	....
59	79	....	599.3	.....	.....	.....	.....	....	....	....	....	72	49	....	....
66	279	....	2,195.7	.....	.....	.....	.....	....	....	....	....	277	35	....	....
Salvage Co. No.															
22	1,066	316	3,454.9	.....	.....	.....	.....	45	126	80	....	362	11	....	....
24	1,293	443	3,885.3	.....	.....	.....	.....	90	786	449	....	499	39	....	....
26	575	139	1,987.5	.....	.....	.....	.....	28	68	44	....	212	22	....	....
27	445	41	1,365.5	.....	.....	.....	.....	40	279	42	....	215	41	....	....
28	1,047	190	2,080.9	.....	.....	.....	.....	139	454	418	....	431	25	....	....
32	522	68	1,538.1	.....	.....	.....	.....	30	98	26	....	219	20	....	....
36	332	37	1,472.9	.....	.....	.....	.....	126	25	9	....	149	09	....	....
44	354	92	1,387.0	.....	.....	.....	.....	....	78	8	....	132	23	....	....
61	278	34	848.9	.....	.....	.....	.....	....	21	8	....	94	01	....	....
Tank Wagon Co. No.															
1	57	....	1,463.2	15,950	1,150	.....	.....	....	....	....	49	93	15	22	20
27	85	3	790.4	8,900	2,650	.....	.....	....	....	....	17	122	52	45	26
38	1	....	4.5	.....	.....	.....	.....	....	....	....	....	....	18	....	....
39	412	8	....	86,650	9,300	.....	.....	....	....	....	226	316	41	90	07
59	226	5	1,079.3	16,700	2,450	.....	.....	....	....	....	204	161	51	48	37
69	65	1	412.2	4,755	1,400	.....	.....	....	....	....	31	64	33	8	07
72	146	1	999.8	28,600	4,650	.....	.....	....	....	....	180	105	....	29	37
73	185	2	1,118.6	11,650	4,400	.....	.....	....	....	....	101	150	49	50	22
74	132	4	470.5	14,150	2,200	.....	.....	20	....	....	62	83	29	32	45
75	203	3	1,399.4	33,050	4,400	.....	.....	....	....	....	163	174	44	67	28
76	119	2	1,752.0	13,200	2,100	.....	.....	....	1	....	12	154	33	46	21
77	278	7	1,902.1	49,400	5,950	.....	.....	....	....	....	155	296	56	101	55
Crash Truck Co. No.															
80	104	3	103.3	800	.....	.....	.....	....	....	....	4	22	40	4	40

REPORT OF ALARMS—INDIVIDUAL COMPANY RECORDS—Cont'd.

Company	Total Alarms	False Alarms	Miles Run	Feet Hose Laid 1"	1½"	2½"	3½"	Feet Ladders Raised	Covers Laid	Sacks Sawdust Used	Times Tank Used	Worked Hrs.	Worked Min.	Pumped Hrs.	Pumped Min.
Foamite Co. No.															
17	3	....	17.4	.....	.....	.....	.....	....	....	....	....	2	14	....	....
49	16	....	78.0	.....	.....	.....	.....	....	....	....	....	8	41	....	....
66	....	....	....	.....	.....	.....	.....	....	....	....	....	....	....	....	....
81	1	....	4.0	.....	.....	.....	.....	....	....	....	....	....	38	....	....
Mt. Patrol															
1	85	....	2,906.0	25,100	.....	.....	.....	....	....	....	13	455	43	63	55
2	35	....	506.7	7,550	500	.....	.....	....	....	....	3	80	28	45	30
Fire Boat															
1	12	1	12.0	.....	200	700	.....	....	....	....	....	6	58	9	....
2	116	....	301.5	.....	2,400	1,900	930	146	....	....	....	71	24	42	21
3	111	....	246.7	.....	50	50	50	50	....	....	....	85	46	11	....
Utility Co. No.															
23	26	....	303.2	.....	.....	.....	.....	....	....	....	....	145	36	....	....
27	12	....	391.0	.....	.....	.....	.....	....	....	....	....	78	19	....	....
Volunteer Companies															
Granada	....	....	....	.....	.....	.....	.....	....	....	....	....	....	....	....	....
Tarzana	....	....	....	.....	.....	.....	.....	....	....	....	....	....	....	....	....
Northridge	....	....	....	.....	.....	.....	.....	....	....	....	....	....	....	....	....
Winnetka	....	....	....	.....	.....	.....	.....	....	....	....	....	....	....	....	....
Chatsworth	1	....	6.0	.....	.....	.....	.....	....	....	....	....	....	....	....	....
Playa Del Rey	6	....	7.5	.....	.....	100	.....	....	....	....	2	3	43	....	....
Brandt's Ranch	....	....	....	.....	.....	.....	.....	....	....	....	....	....	....	....	....
Lakeside Park	1	....	.5	.....	.....	.....	.....	....	....	....	....	....	05	....	....
Harbor City	37	....	19.3	.....	400	1,500	.....	....	....	....	8	....	....	....	....
Tender No. 36	32	1	73.1	.....	.....	.....	.....	....	....	....	....	14	35	....	....
CO_2 3	2	....	12.5	.....	.....	.....	.....	....	....	....	370 lbs.	2	47	....	....

ACCOUNTING

Paul R. Clark, Chief Accounting Employee

The exhibits show the financial transactions of the funds of the Fire Department.

Exhibit "A"—Statement of Operations.
This exhibit shows the sources and allocation of the revenue and the purposes for which they were used. Encumbrances comprise unfilled purchase orders and the amounts are subject to minor adjustments. The unencumbered balance of the regular acounts is returned to the Reserve Fund, and of the Civilian Defense accounts to the Motor Vehicle Street Improvement Fund.

Exhibit "B"—Statement of Disbursements.
This exhibit shows the operating cost of the Fire Department and the purposes for which the expenditures were made. Demands expending the monies were transmitted to the City Controller for his internal audit. Copies of the demand transmittals were filed with the Board of Fire Commissioners.

Exhibit "C"—Statement of Operations of Miscellaneous Funds. (Hydrants, Adjusters and Oil Wells)
This exhibit shows the receipts and disbursements under the Fire Protection and Prevention Los Angeles Municipal Code Ordinance Number 77,000 as amended to and including Ordinance Number 89,209. Amounts charged were approved by the Board of Fire Commissioners. The accounts were audited periodically by the City Controller's auditing staff.

Exhibit "D"—Statement of Equipment and Inventories.
This exhibit shows the value, at original cost, of equipment and inventories on hand as per the perpetual inventory records under our supervision. The item of engines, trucks and automobiles shows an increase of $184,479.69 over the previous year. Other items reflect comparatively minor changes. Since buildings and improvements were under the jurisdiction of the Board of Public Works, same have been excluded from this statement.

Exhibit "E"—Statement of Departmental Receipts.
This exhibit shows monies collected and deposited to the credit of departmental receipts for general city purposes.

EXHIBIT "A"

Statement of Operations for the Fiscal Year 1944-45

	Budget	Miscellaneous Credits	From Reserve Fund	Encumbrances July 1, 1944	Transfers Between Accounts	Total Available	Expenditures	Encumbrances June 30, 1945	Unencumbered Balance June 30, 1945
GENERAL:									
Salaries	$4,976,047.00	$	$232,000.00	$	$2,000.00*	$5,206,047.00	$5,190,114.62	$	$15,932.38
Expense	142,210.00	3.296.92	8.75	12,975.26	4,500.00	162.990.93	145,811.41	11,582.40	5,597.12
Equipment	83,000.00	4,181.68	65,000.00	444,354.54	2,500.00*	594,036.22	226,657.14	359,553.02	7,826.06
Land and Improvements	.....	.....	.....	1,985.00	.....	1,985.00	.....	1,985.00	.....
TOTAL GENERAL	$5,201,257.00	$7,478.60	$297,008.75	$459,314.80	$	$5,965,059.15	$5,562,583.17	$373,120.42	$29,355.56
CIVILIAN DEFENSE:									
Salaries	$ 179,675.00	$	$	$	$	$ 179,675.00	$ 159,995.38	$	$19,679.62
Expense	8,600.00	.....	.....	2.269.92	.....	10,869.92	5,017.09	32.22	5,820.61
Equipment	.....	.....	.....	59,117.14	.....	59,117.14	33,092.13	26,025.01	.....
TOTAL CIVILIAN DEFENSE	$ 188,275.00	$	$	$ 61,387.06	$	$ 249,662.06	$ 198,104.60	$ 26,057.23	$25,500.23
GRAND TOTAL	$5,389,532.00	$7,478.60	$297,008.75	$520,701.86	$	$6,214,721.21	$5,760,687.77	$399,177.65	$54,855.79

* Deduction

EXHIBIT "B"

Statement of Disbursements for the Fiscal Year 1944-45

GENERAL:		
Salaries		$5,190,114.62
General Expense:		
Office Supplies and Expense	$ 8,743.13	
Surety Bond Premiums	18.75	
Fire Hydrant Service	26,446.50	
Apparatus Supplies	7.383.30	
Photographic Supplies and Expense	998.14	
Maps and Blue Prints	1,138.51	
Medical Supplies	1,373.08	
Fire Extinguishing Supplies	6,207.96	
Rescue Supplies and Expense	2,970.51	
Gasoline and Fuel Supplies	19,532.27	
Lubricants	3,840.83	
Tires	6,896.93	
Automobile Repairs and Supplies	45,401.59	
Fire Boat Repairs and Supplies	5,367.44	
Equipment Repairs	2,927.29	
Ladder Repairs	1,227.72	
Radio Maintenance	280.07	
Clearing Firebreaks	1,561.35	
Mattress Renovation	495.34	
Investigations	200.00	
Paint Fire Hyrdants	647.90	
Lumber	541.90	
Miscellaneous	1,610.90	145,811.41
Equipment:		
Fire House Furnishings	$ 1,619.89	
Tools and Shop Equipment	1,501.18	
Brush Fire Equipment	766.08	
Rescue Equipment	897.39	
Fire Boat Equipment	734.51	
Fire Extinguishing Accessories	4,912.06	
Automotive Accessories	1.572.71	
Hose	58,000.36	
Waterproof Covers	2,442.44	
Fire Apparatus	148,821.23	
Replacement Motors	3,996.58	
Miscellaneous	1,392.71	226,657.14
TOTAL GENERAL		$5,562,583.17
CIVILIAN DEFENSE:		
Salaries		$ 159.995.38
Expense:		
Office Supplies and Expense	$ 375.41	
Maps and Blue Prints	146.78	
Mileage	234.59	
Automobile Repairs and Expense	2,129.85	
Gasoline	1,458.74	
Lubricants	88.94	
Miscellaneous	582.78	5,017.09
Equipment:		
Tank Trucks		33,092.13
TOTAL CIVILIAN DEFENSE		$ 198,104.60
TOTAL		$5,760,687.77

EXHIBIT "C"

Statement of Operations of Miscellaneous Funds for the Fiscal Year ended June 30, 1945

1. Fire Department Hydrant Trust Fund

Cash balance beginning July 1, 1944	$ 1,188.50
Add deposits received before use of fire hydrants	2,725.00
Total	$ 3,913.50
*Deduct amount witheld for use of fire hydrants	1,127.00
Balance	$ 2,786.50
Deduct deposit balances returned after use of fire hydrants	1,662.00
Cash balance ending June 30, 1945	$ 1,124.50

* Credited to Departmental Receipts

2. FEES—Fire Insurance Adjusters and Solicitors

New Applications	1 @ $ 15.	$ 15.00
Renewals	15 @ 5.	75.00
Deposited to credit of Departmental Receipts, year 1944-45		$ 90.00

3. FEES—Derricks, Natural Gasoline Plants and Refineries

Drilling operations	55 @ $100.	$ 5,500.00
Renewals—Los Angeles City Oil Fields	97 @ 5.	485.00
Renewals—other	941 @ 25.	23,525.00
Transfers	48 @ 5.	240.00
Penalties for delinquent filing		125.00
Deposited to credit of Departmental Receipts, year 1944-45		$29,875.00

EXHIBIT "D"

Statement of Equipment and Inventories as of June 30, 1945

1. Equipment

Apparatus:		
Engines, trucks and automobiles	$2,387.351.83	
Boats	296.260.36	
Tractors, graders, bulldozers and trailers	41,538.26	
Total Apparatus		$2,725,150.45
Hose		263,315.15
Extinguishers and small tools		331,858.17
Furniture and furnishings:		
Offices, fire stations and dormitory	$ 129,971.90	
Shops, store and mountain patrol	99,672.94	
Total furniture and furnishings		229,644.84
CIVILIAN DEFENSE PURPOSES:		
Air raid warning devices	$ 50,000.00	
Automotive—auxiliary	8.02	
Total civilian defense purposes		50,008.02
Total equipment		$3,599,976.63

2. Inventories

Store stock—hose excluded	$ 83,080.91

EXHIBIT "E"

Statement of Departmental Receipts for the Fiscal Year ended June 30, 1945

Fees—derricks, natural gasoline plants and refineries	$29,875.00
Amounts withheld for use of fire hydrants	1,127.00
Fees—fire insurance adjusters and solicitors	90.00
Miscellaneous cash deposits and internal credits	97.45
Total credits to Departmental Receipts, year 1944-45	$31,189.45

UNIVERSITY OF ILLINOIS-URBANA
3 0112 109548377